Banaras Hindu University

ANNUAL REPORT
1963-64

University



Note :—This report is for the Academic year July 1963 to June 1964. The portion relating to Finance & Accounts is for the Financial year ending 31st March 1964.



MAHAMANA PT. MADAN MOHAN MALAVIYA
REVERED FOUNDER OF THE UNIVERSITY

ANNUAL REPORT 1963-64

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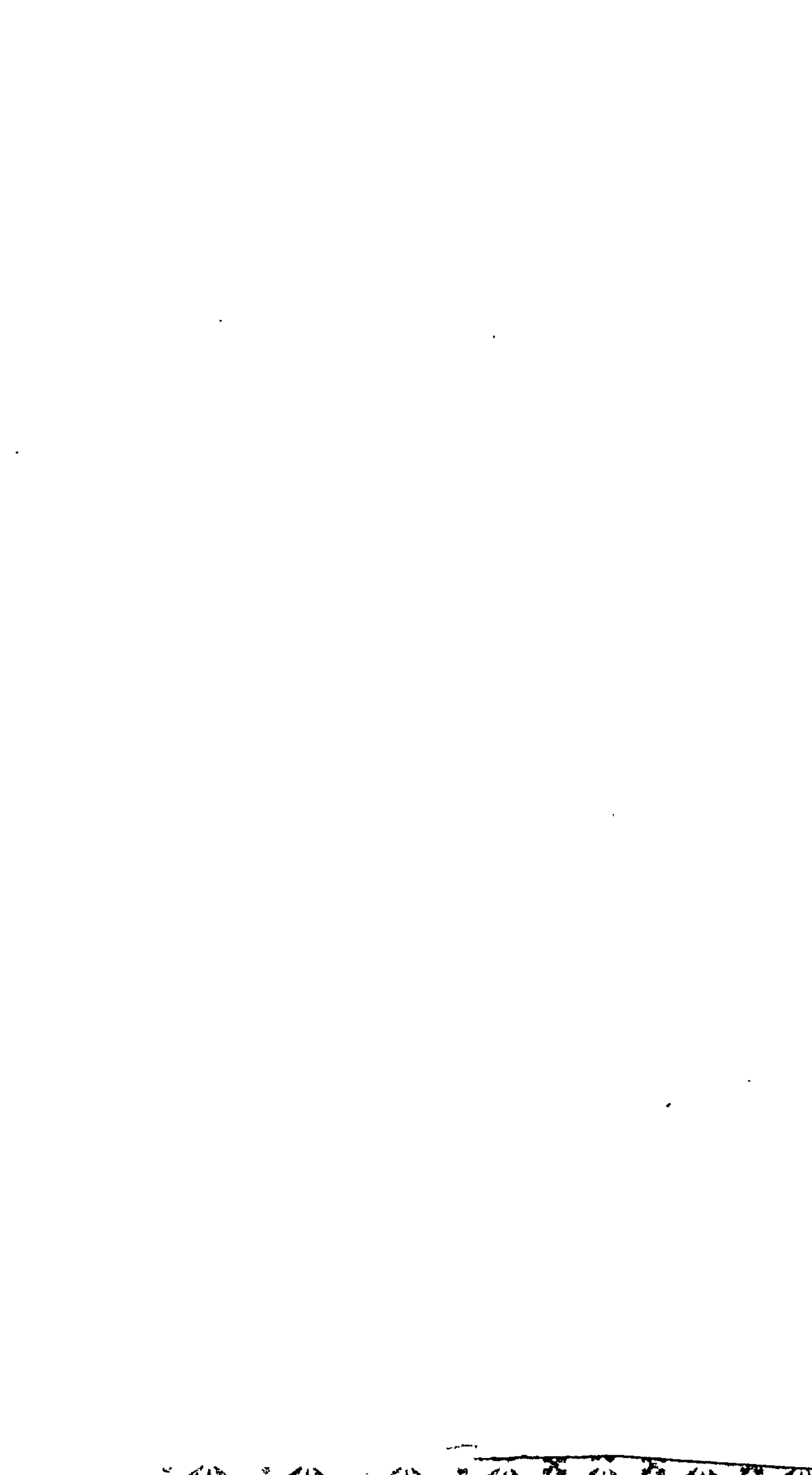
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BANARAS HINDU UNIVERSITY

ANNUAL REPORT 1963-64

SECTION I

The University re-opened on the 9th July, 1963 after the Summer Vacation. While extending a hearty and cordial welcome to all the students of the University, the Vice-Chancellor, in his message, said that the shadow of the national calamity continues with the same threatening force as ever. He exhorted the students to gird up their loins and make all sacrifices in order to preserve the unity and integrity of the nation.

Addressing the teachers of the university, the Vice-Chancellor requested them to co-operate with the authorities to make the University great and glorious and mould the student community to become a model for the students in the country. He emphasized that the teachers should do everything in their power to enhance the prestige of this great University and prove to be worthy members of this University

OBITUARIES

The Court of the Banaras Hindu University placed on record its deep sense of sorrow at the sad demise of the following :

1. Shri Jawahar Lal Nehru :

The staff and students of the University deeply mourned the great and irreparable loss sustained by the country at the sudden demise of their beloved leader and Prime Minister, Pandit Jawahar Lal Nehru. Panditji took a keen interest in the affairs of the University since its inception. As a token of its deep love and affection and appreciation of his great and unique services to the country, the University conferred on him the honorary degree of Doctor of Letters in December, 1946 when he was the head of the Interim Government of India. He visited the University whenever time permitted him and inspired the students and the staff. His visit to the university two years before during the Malaviyaji Centenary celebrations is still in our memory. In him the university has lost one of its sincerest friends and benefactors.

2. *Prof. S. K. Mitra:*

The Physical Society, B.H.U., condoled the sad demise of Prof. S. K. Mitra, F.R.S. Prof. Mitra was one of the foremost scientists of this country. In his death the country has lost a great scientist who has done much to raise the standard of scientific research.

3. *Pt. Ganga Prasad Mehta:*

Pt. Ganga Prasad Mehta, ex-Registrar of the Banaras Hindu University, passed away on Sept. 30, 1963 at Calcutta. Pt. Ganga Prasad Mehta joined the University as a lecturer in the Deptt. of History in the year 1917, which position he held till August 1933. He served the University as its Registrar from 8th August, 1933, till his retirement in June, 1952.

4. *Dr. P. N. Mishra:*

The sad and untimely demise of Dr. P. N. Mishra, Asstt Superintendent, S. S. Hospital, B.H.U., was condoled at a meeting of the members of the staff of the College of Medical Sciences, Post Graduate Institute of Indian Medicine and S. S. Hospital, on October, 21, 1963.

5. *Shri H. N. Bose:*

Shri H. N. Bose was a Lecturer in the former department of Industrial Chemistry of the College of Technology for more than twenty five years. He was a very able teacher liked equally by the members of the staff and students of his time.

6. *President John F. Kennedy:*

The members of the staff of the Administrative offices of the Banaras Hindu University expressed their deep shock and distress at the dastardly assassination of President Kennedy. President Kennedy was a great friend of India and at a time when India was in peril and needed the help of its friends, he extended his helping hand to us without a moments' delay.

7. *Prof. M. B. Rane:*

Prof. M. B. Rane, ex-Head of Department and Rampur Professor of Chemistry, Banaras Hindu University, passed away in Bombay on the 24th October, 1963, after a short illness. Professor Rane served the Banaras Hindu University from its very inception and retired in 1941.

8. Dr. B. Vishwanath :

Dr. B. Vishwanath, ex-Principal of the College of Agriculture (from 1917 to 1918), passed away during this period. Dr. Vishwanath was an eminent scientist and was the first Indian director of the Indian Agricultural Research Institute, New Delhi. He was also a great educationist, a successful administrator and above all a very large-hearted gentleman.

9. Prof. K. L. Verma :

Prof. K. L. Verma, who retired from the service of the University two years before as Prof. and Head of the Department of Politics, passed away on 10th March, 1964. He served the Central Hindu College of the University for 30 years.

10. Pt. Brij Mohan Vyas :

Pt. Brij Mohan Vyas, who served the University as its Executive officer during the period 1950-1956, passed away during the year under review.

11. Shri N. K. Singh :

Shri N. K. Singh, Lecturer in Statistics, passed away on the 21st Jan. 1964 in U.S.A. where he had gone on leave for higher studies. He was a promising scholar. His loss was deeply mourned by the students and members of the staff particularly of the Department of Mathematics and Statistics.

UNIVERSITY OFFICERS

The officers of the University during the year 1963-64 were as follows :

VISITOR

Dr. S. Radhakrishnan, President of India

RECTOR

Shri Bishwanath Das, Governor of Uttar Pradesh

CHANCELLOR

Major-General Maharaja Dr. Karan Singh, Sadar-i-Riyasat, Jammu & Kashmir

PRO-CHANCELLOR

Maharaja Dr. Vibhuti Narain Singh of Varanasi, M.A.,D. Litt.





OUR VICE-CHANCELLOR
SHRI N. H. BHAGWATI

6. Shri Sukhdeo Pande,
   Secretary,
   Birla Education Trust,
   Pilani (Rajasthan)
7. Prof. M. S. Thacker,
   Member,
   Planning Commission,
   New Delhi.
8. Lady Ranu Mukherjee,
   7, Harington Street,
   Calcutta-16
9. Shri Parmanand,
   36, Chatham Lines,
   Allahabad.

The Executive Council met on the following dates:

1. 10th August, 1963
2. 11th August, 1963
3. 12th October, 1963
4. 13th October, 1963
5. 25th December, 1963
6. 22nd February, 1964
7. 27th March, 1964
8. 28th March, 1964
9. 27th April, 1964

Academic Council:

The Academic Council met four times during the year.

NEW COURSES

The following new courses have been started during the year under report:

1. M.A. in Sociology
2. Bachelor's degree in Library Science
3. Three-year Degree and Diploma Courses in Music and Fine Arts
4. Post-Graduate Course in Ayurveda (M.D. Ayurveda)

5. Diploma Course in Indian Philosophy & Culture
6. Diploma Course in Numismatics
7. Diploma Course in Archaeology
8. M.Sc. Course in Chemical Engineering
9. M.D. (Medicine)
10. Karnatak Music.
11. New 2 year 4-term LL.B. Degree Course.

During the session 1963-64 the following new courses were approved by the Academic Council :

1. Diploma in Museology
2. Certificate courses in (a) Tibetan (b) Mangolian (c) Indonesion (d) Burmese (e) Kawi or old Javanese (f) Thai (g) Khmer (h) Singhalese.
3. Diploma Courses in the Faculty of Medical Sciences : (a) Anaesthesiology (b) Laryncology and Otology (c) Opthalmic Medicine and Surgery (d) Clinical Pathology
4. Post-Graduate Courses in the Faculty of Medical Sciences in :
   (*a*) M.D. in Pathology
   (*b*) M.D. in Social and Preventive Medicine
5. Post-Graduate Courses in the Faculty of Technology.
   (*a*) M.Sc. (Ag.) in Horticulture
   (*b*) M.Sc. (Min. Engg.) in
      (i) Coal Mining (ii) Metalliferous Mining
   (*c*) M.Sc. Engg. in

(i) Hydraulics	Department of Civil Engineering
(ii) Soil Mechanics.	
(iii) Structures	
(iv) Machine Design	Department of Mechanical Engg.
(v) Power System	
(vi) Applied Electronics	Deptt. of Electrical Engg.

It may be emphasized here that due to the phenomenal advances in the field of electrical engineering, it is envisaged that more post-graduate courses dealing with Electron devices,

Communication Theory, Control Theory, Computer Technology etc. will be gradually added. The Department of Mechanical Engineering keenly feels the necessity of starting M.Sc. (Engg.) Course in Heat Power Engineering. The Department of Civil Engineering also feels the necessity of introducing M.Sc. (Engg.) Courses or Post-Graduate Diploma Courses in Structures, Surveying and Photogrammetry, Highway Engineering and Public Health Engineering.

The University is also trying to establish a centre of advanced studies in Solid Physics. Negotiations are also going on with the Atomic Energy Commission to start a Centre of Nuclear Physics in the College of Science.

NEW INSTITUTIONS

A Post-Graduate Research Institute in Indian Medicine has been started during this year The course of M.D. Ayurveda provided in the Institute is open to holders of M.B.B.S., A.B.M.S., A.M.S., B.A.M.S., and other equivalent degrees.

The Institute has the following departments

(1) Deptt. of Basic Principles

(2) Deptt. of Dravya-Vigyan (Materia-medica)

(3) Deptt. of Kaya-Chikitsa

(4) Deptt. of Shalya (Surgery)

(5) Deptt. of Prasuti-Tantra.

NEW HOSTELS

The construction of two new hostels for technological students, viz. Swami Vivekanand Hostel and Swami Ram Krishna Hostel, were completed during the year under report.

VISITORS

During the year under report the university had very pleasant visits by Shri C B. Gupta, Chief Minister of Uttar Pradesh and the Union Health Minister Sushila Nayar. Shri Gupta was the Chief guest of honour at the passing out parade of the Pre-Commission Training Camp (N.C.C.) held on July 10,1963 at the B.H.U. Engineering College grounds He took the salute at the impressive ceremonial parade of the Teacher cadets.

The Union Health Minister, Dr. Sushila Nayar, inaugurated the Post-graduate Research Institute in Indian Medicine on 15th Aug. 63. She also laid the foundation-stone of the Traumatic Surgery Ward in the S. S. Hospital of the University.

Tim Cunnigham, leader of the students of California, visited our University under the 'Project India Scheme 1963' and stayed here from Aug. 4 to 10, 1963. The American students presented a very interesting and entertaining programme under the auspices of the Women's College Cultural Association.

Shri Bishwanath Das, Governor of Uttar Pradesh and Chief Rector of our University, inaugurated the Orient and Occident Week celebrations on Sept. 16, 1963.

Shri Harishwar Dayal, Indian Ambassador in Nepal, inaugurated on Sept 18, 1963 the Seminar and the Cultural Programme in connection with the Orient-Occident week celebrations.

Shri C. Subramaniam, Union Minister for Iron, Steel and Heavy Industries, visited the College of Mining & Metallurgy and addressed the Mining and Metallurgy Societies. He also inaugurated the six-week Regional Training Course in Ore-Dressing for the Asian countries in the College of Mining & Metallurgy on Dec. 16, 1963.

Mrs. Durgabai Deshmukh and Dr. C. D. Deshmukh, Vice-Chancellor of Delhi University, visited the Banaras Hindu University on November 24, 1963, and addressed the students of the Women's College.

The world famous scientist Sir W. Lawrence Bragg F.R.S., Noble Laureate, and lady Bragg visited the University from Jan. 4 to 6, 1964. Two films of his lectures on 'Structure of Metals' and 'Motion of Electric charges' were exhibited. On January 6, Sir Bragg gave a very thrilling talk on 'Difference between living and non-living matters' mostly based on his own research works. Lady Bragg also gave a very interesting talk at the Women's College on Jan. 6, 1964.

Dr. Karan Singh, Sadar-i-Riyasat, Jammu & Kashmir and Chancellor of the University presided over the 46th Convocation of the University on Dec 24, 1963. The Pro. Chancellor of the University Kashi Naresh Shri Vibhuti Narayan Singh was also present on the occasion.

The Union Education Minister, Shri M. C. Chagla, was the guest of honour at the annual function of the College of Technology.

Shri Kamlapati Tripathi, Finance Minister of Uttar Pradesh, was the Chief guest at the Annual Day of the College of Medical Sciences held on 2nd February, 1964.

The Chief Justice of India, Hon'ble Shri P. B. Gajandragadkar, addressed the annual day gathering of the Law College, B.H.U.

Princess Ashraf Pahelvi of Iran and her husband paid a visit to the Women's College.

Following is the list of other eminent visitors to the University:

1. Visit of 16 students from the California University, Los Angeles, under the Project India 1963 scheme.
2. Dr. and Mrs. Lefln, Chairman, Deptt. of Physics, Eastern Illinois University
3. Dr. Lester Asheim, International Relations office, American Library Association and former Dean of Library School, Chicago University.
4. Visit of 3 Japanese students in Hindi under the auspices of "Asia Africa culture Foundation", Tokyo.
5. Major General Virendra Singh, Director General of the N.C.C.
6. Dr. K. N. Rao, Additional Director General of Health Services, Govt. of India.
7. Thomas G. Allen, U.S.I.S. Cultural Affairs officer.
8. David Donovan of the U.S.I.S.
9. Dr. Charles D. Lindblom, Economic Adviser to the Director of U.S. Aid Division to India.
10. Shri O. P. N. Calla and Shri R. S. Damle of the Indian Atomic Energy Commission.
11. Prof. Korowicz, Prof. Willcox and Prof. Chapman from the United States of America.
12. Dr. George Kurian, Director of Delhi School of Economics
13. Visit of 7 American World University Service members headed by Mrs G. Dilts.

57. Prof. A. S. Sadikov, Professor of Chemistry & Rector, Tashkent State University, Tashkent, U.S.S.R.
58. Prof. M. M. Mirinassivile, Vice-Rector, Tbilisi State University, U.S.S.R.
59. Dr. (Miss) E. C. Margaret Segar of Auckland University.
60. Dr. W. Zeller, Plant Ecologist, Food and Agriculture Organisation, Rome.
61. Dr. M. C. Niu, Professor of Biology, Temple University. U.S.A.
62. Dr. E. S. Narayanan, Director, Central Sericulture Research Institute, Mysore.
63. Dr. (Mrs.) M. Murray, Professor of Anatomy, Columbia University Medical College.
64. Dr. and Mrs. R. K. Meyer, Professor of Zoology, University of Wisconsin.
65. Prof. I. I. Gurvich, Chief of the department of Seismic Methods of Geological prospecting, U.S.S.R.
66. Dr. Atma Ram, Director, Central Glass and Ceramic Research Institute, Calcutta.
67. Prof. K. Kunura, Professor of Pharmacognosy, Kyoto University, Japan & President of Pharmaceutical Society, Japan.
68. Prof. Francis Tayeau, the Dean of Faculty of Medicine and Pharmacy, University of Bordeaux, (France).
69. Prof. T. C. Daniels, Dean, School of Pharmacy, University of California, SanFrancisco (U.S.A.)
70. Dr. W. D. Buddemeir, Group Leader, T. C. M.
71. Dr. H. L. Yowell, Research Co-ordinator, Esso Research and Engineering Co., U.S.A.
72. Dr. Sardar Singh, Plant Protection Adviser to Government of India, Directorate of Plant Protection, Ministry of Food and Agriculture, New Delhi.
73. Shri M. R. Chopra, Chairman, Central Water & Power Commission, Govt. of India.
74. Prof. Dr. Nechleba Miroslav, Tech. University Brno U Voz., Czechoslovakia.
75. Shri S. S. Kumar, Director General, Developments, Govt. of India

76. Dr. W. Railston, Scientific Adviser, Deptt. of Technical Cooperation, London.

77. Director, Karpuk of Poland.

78. Prof. R. S. Brittain (from Canada), Guest Professor at I.I.T., Kharagpur.

79. Dr. M. Ichinoe, Chief Metallurgist-in-charge of the Steelmaking Research Institute, Yawata Technical Research Institute.

80. The Soviet Steel Expert Mr. Orlov and the Russian Lady Interpreter at Bhilai Technical Institute.

81. Dr. P. K. Kelkar, Director, Indian Institute of Technology, Kanpur.

82. Dr. M. Wharton Young, Visiting American Professor of Anatomy.

83. Dr. P. Lengyel from France.

84. Dr. W. Zillig from West Germany.

85. Shri C. V. Riddle, Head of the Department of Psychology, Punjab University.

86. Shri C. H. M. John, a journalist from Gujrat

87. Visit of Moral Rearmament delegation from Japan

88. Dr. G. K. Doss, Director, Central Electro Chemical Laboratory, Karaikudi.

89. Shri N. G. Ashar, Design Engineer, Dharamsi Morarji Chemical Co., Bombay.

UNIVERSITY EXTENSION LECTURES

The programme of Extension Lectures during the session 1963-64 was inaugurated by the Vice-Chancellor, Shri N. H. Bhagwati, on August 29, 1963, in the Lecture Theatre of the College of Indology. Started in 1960, this is the fifth year of the Extension Lecture series. Inaugurating the programme, the Vice-Chancellor emphasised the need of this kind of activity in the university through which research work done by the members of the teaching staff would be broadcast to members of the public in a popular form. He considered it an obligation to be performed as an essential part of our duty to the academic ideals of the university.

The aim of the University Extension Lectures is to widen the horizon of knowledge of the teachers and the students and to awaken the realization of the great strides taking place in the various fields of thought. As was the case in the previous years, there are some very interesting topics in the series of this session covering the subjects of humanities, science, medicine and technology. The following distinguished scholars delivered extension lectures :

Date	*Name of Lecturers*	*Topic*
29-8-63	Pt. Ram Chandra Shastri	Vedas and Science
5-9-63	Pt. Kedar Dutt Joshi	Kshya-Mas
12-9-63	Dr. (Mrs.) Rhadharani Chowdhury	Strategy of Indian Plans
19-9-63	Dr. K. C. Mukherjee	The Genesis of Pain and Headache
26-9-63	Dr. N. C. Majumdar	Costing the Current
3-10-63	Dr. S. Bhattacharya	The Bhagavata Dharma
10-10-63	Dr. T. R. Anantharaman	Why does the steel harden
17-10-63	Dr. B. Quannango	Abraham Lincoln
28-11-63	Dr. A. P. O'Brien	Trends in modern English Literature
5-12-63	Dr. K. V. Rao	Whither India-post Democracy
12-12-63	Dr. K. P. Singh	Growth of Relativity Theory
19-12-63	Pt. Yadu Nandan Upadhyaya	Teaching of Ayurveda
9-1-64	Dr. S. M. Marwah	Society and Medicine
16-1-64	Dr. S. P. Roychoudhuri	Protection of Germ Cells against radiation damage
23-1-64	Dr. R. K. Tripathy	Whither Philosophy to-day
30-1-64	Dr. (Miss) Indu Bokil	Chemistry & Cancer
6-2-64	Dr. R. H. Sahasrabudhey	Contribution to the Organic Chemistry of sulphur.
13-2-64	Dr. M. P. Vaidya	Cardiac Diseases and Surgery
20-2-64	Prof. V. M. Rane	Refrigeration and Air-Conditioning

A significant phase of the academic life of our University in the current session has been the new series of Extension Lectures organised in the city. The ideal behind these lectures, which were in addition to those delivered on thursdays inside the University Campus, was enunciated by our Vice-Chancellor, Shri N. H. Bhagwati, in his message issued on the occasion. 'It is for the first time in the history of Banaras Hindu University that a link is being established between the academic personality of the University and the public of the sacred City of Varanasi. It is a kind of *Setu-Bandha* in the making of which we invite the cooperation of all the citizens of Varanasi.' Under the scheme of 'The University Extension Lectures in the City', it was decided to have a lecture every Saturday evening at the Central Hindu College, Kamachha. The lecture series was inaugurated by the Vice-Chancellor, Shri N. H. Bhagwati, on January 4, 1961. The following distinguished scholars delivered extension lectures in the Central Hindu College, Kamachha.

Date	*Name of Lecturers*	*Topic*
4-1-61	Dr. V. S. Agrawal	Veda & the Modern Thought
11-1-61	Dr. S. M. Marwah	Community's Health
18-1-61	Pt. R. M. Upadhyaya	Graha Aur Manav
25-1-61	Dr. A. R. Verma	Atoms for Peace & War
1-2-61	Prof. B. Dayal	Electron, the Universal Slave
8-2-61	Prof. S. P. Roychoudhri	Human Heredity
15-2-61	Dr. N. K. Devraj	Bharatiya Sanskriti Aur Adhunik Sabhyata
22-2-61	Dr. A. K. Narain	Cultural Personality of Kashi
7-3-61	Dr. S. K. R. Bhandari	Public Vs Private Sector
14-3-61	Prof. N. M. Kulkarni	Poetry Its Perennial Pleasures
21-3-61	Dr. Anantharaman	Aluminium & its Alloys
28-3-61	Dr. S. Bhattacharya	Teachings of Gita
4-4-61	Dr. M. P. Vaidya	Cardiac disorders
11-4-61	Dr. Gopal Tripathi	Petroleum Technology
18-4-61	Pt. Priyabrata Sharma	Dietetics in Ayurveda
25-4-61	Dr. Anandjee	Nervous Shock & the Law

OTHER SPECIAL LECTURES

Under the ausp'ces of the B.H.U. Students' Associatio Registrar, Shri S. L. Dar, gave a very illuminating talk on th experiences of his visit to West German Universities and the teaching method. He gave another lecture at the meeting students and members of staff of the Women's College, B.H.U on Sept. 7, 1963, on 'Women in Germany'.

The University had also the privilege of having Prof. Z Hokao of Tokyo University as Holkar visiting Professor of Mi ning for a period of 4 months during which he delivered a serie of lectures on Hydraulic Mining of coal underground and pros pect for under-sea mining of coal.

As a part of the celebrations of Orient-Occident week sponsored by the UNESCO, a series of lectures were delivered on Nepal's culture, history and religion in the Sanskrit Maha vidyalaya.

Several religious discourses were arranged during the year under report, as noted below :

21-7-63	Dr. S. Bhattacharya	Main teachings of Shrimad Bhagwat Gita.
7-9-63 to 21-9-63	Swami Akhandanand Saraswati	Srimad Bhagwat
10-1-64	Swami Manohar Dasji of Ajmer	Vedant Dharma
13-2-64	Swami Ranganathanandaji of the Ram Krishna Mission Institute of Culture, Calcutta	The Charm of Upanishads
12-3-64 to 14-3-64	Shri Kothandapani Pillai, Lecturer in Tamil, Annamalai University	Saiva Siddhanta

Many of the foreign scholars who visited the University, delivered special lectures in their special fields. Following is the list of some of the prominent scholars who delivered lectures in this University :

	Name	No. of Lectures	Subject
1.	Prof. Korowicz	1	Limitations of sovereignty
2.	Prof. Willcox	1	Judicial Process and social change
3.	Prof. Polkin of U S.S.R. and Prof. Fleming of the Royal School of Mines, U.K.	1	Development and scope of Ore-dressing
4.	Prof. H. Tamiya, Director Tokugawa Institute, Tokyo	1	Life cycle of chlorella
5.	Dr. A. Kawaguchi, Professor of Mathematics, Hokkaido University, Japan	3	(a) Generalisation of Reimann spaces (b) Evolution of the concept of space.
6.	Prof. O. N. Perti, Professor and Head of the Department of Chemistry, D.S.B. Govt. College Nainital	1	Origin of life.
7.	Mr. J. Kasparek, Mining Engineer, Director of Myslowice Mine, Poland	1	Coal mining methods in Poland
8.	Dr. Engg. T. Opolski, Professor of Technical university in Czestochowa, Poland.	1	Coal mine mechanization.
9.	Prof. Navojilov, Vice-Chancellor and Head of Theoretical Physics Deptt., Leningrad University	1	Education of Science in Soviet Union.
10.	Dr. Robert Browning, Prof. of Philosophy, North Western university, U.S.A.	1	Philosophy of A.N. Whitehead
11.	Dr. Wilfred Cantwell Smith of Harvard, U.S.A.	1	Comparative Religion.
12.	Dr. Charles A. Moor of the Hawaii university.	1	Whether the West is Materialistic

	Name	No. of Lectures	Subject
13.	Dr. Karl H. Potter of U.S.A.	1	The Naturalistic Conception of Karma
14.	Shri A. J. Alston of Oxford	1	Early Post-Sankara Advaita
15.	Dr. (Mrs) Chapman visiting Professor of Economics, University of Bombay	1	The problems of planning for Consumption.
16.	Dr. A. L. Mackay of University of London		Electron Microscope Techniques
17.	Prof. I. S. Zhuldev Institute of Crystallography, Moscow, U.S.S.R.	2	Ferro electric materials and their studies.
18.	Sir Lawrence Bragg, F.R.S., Director of the Imperial Institute of Science, U.K.	2	(a) On nature of things (b) On the difference between living and non-living matter.
19.	Prof. H. Lipson, F.R.S. U.K.	2	X-Ray Spectroscopy
20.	Dr. W. Zeller, Plant Ecologist, Food and Agriculture Organisation, Rome.	1	The ecology of locust breeding habitats
21.	Dr. M. C. Nair, Prof. of Biology Temple University, U.S.A.	1	Ribonucleic acid induced changes in cells and embryos.
22.	Dr. (Mrs.) M. Murray, Prof. of Anatomy, Columbia University Medical College.	1	Culture of human cells
23.	Dr. and (Mrs) R. K. Meyer, Prof. of Zoology University of Wisconsin	1	Roles of Thymus and Bursa of Fabricives in anti-body formation.
24.	Prof. I. I. Gurvich, Chief of the department of Seismic Methods of Geological Prospecting, U.S.S.R.	2	(a) Geological Education in U.S.S.R. (b) Present state and some problems on Seismic prospecting.

Name	No. of Lectures	Subject
25. Prof. K. Kimura, Professor of Pharmacognosy, Kyoto University, Japan	1	Present status of Pharmaceutical Education in Japan.
26. Prof. Francis Tayean, the Dean of Faculty of Medicine and Pharmacy, University of Bordeaux, France	1	Atherosclerosis
27. Prof. T. C. Daniels, Dean, School of Pharmacy, University of California, U.S.A.	1	Development of Pharmaceutical Education and profession in U.S.A.
28. Dr. Lester Asheim, International Relations office, American Library Association and former Dean of Library School, Chicago University.	1	Problems of Education for Librarianship.

OTHER SPECIAL LECTURES

Mr. Lloyd la Vaux, the famous U.S. Accordian player, gave two performances on 9th and 10th January, 1964.

Shri Jagdishwar Pandey of Shekhapur (Azamgarh) gave a demonstration of Archery and Pranayam on 8th February, 1964.

Under the auspices of the Indo-German Cultural Association, B.H.U., a concert was presented by the Studio for Medieval Music from Munich, Germany, in the Sanskrit Mahavidyalaya on 14th February, 1964. The musicians played and sang folk songs, love lyrics, instrumental duets and solos exhibiting the beauty that exists in the European music of the 12th to the 16th centuries.

On invitation by the authorities of this University in conjunction with the German Embassy, New Delhi, the Tubingen student Chamber orchestra from W. Germany presented a concert in the Sanskrit Mahavidyalaya on March 18, 1964. The orchestra consisted of 17 musicians who toured many Countries in Europe, Africa and Asia.

The Indo-German Cultural Association at this University presented a preformance of Koodiyattam by Mani Madhvan Chakyar and party of Kerala on 24th March, 1964.

Lectures on Upanishads :

Under the auspices of the Gita Samiti, Mahamahopadhyaya Pt. Giridhar Sharma Chaturvedi delivered a series of lectures on upanishads. The first lecture began on 14th July, 1963.

CONVOCATION

The 46th Convocation of the Banaras Hindu University was held on December 24, 1963. Dr. K. L. Shrimali, former Education Minister of India, delivered the Convocation address. The Convocation was presided over by Major General Dr. Karan Singh, Sadar-i-Riyasat, Jammu & Kashmir and Chancellor, Banaras Hindu University. The Pro.-Chancellor of the University, Kashi Naresh Dr. Vibhuti Narayan Singh, was also present. Dr. K. L. Shrimali and Pt. Onkar Nath Thakur were conferred the degree of Doctor of Letters (Honoris Causa) by the Chancellor, Dr. Karan Singh.

The number of graduates and post-graduates who were awarded the degree in different categories, was 3019. The number of students who were admitted to the Ph.D. degree, was 46. The list of prizes and medals awarded at the convocation is given in Appendix II.

RECOGNITION OF EXAMINATIONS AND DEGREES

The Academic Council of the University, during this period, have recognised the following examinations of various Universities, Boards and Educational Institutions, as equivalent to the corresponding examinations of this University.

Examinations of other Universities/Boards	*Corresponding examinations of Banaras Hindu University*
1. *Magadh University, Gaya :*	
B.A. Pass & Hons.	B.A. Pass & Hons.
M.A.	M.A.
B.Com. Pass & Hons.	B.Com. Pass & Hons.
B.Sc. Pass & Hons.	B.Sc. Pass & Hons.

Examination of other Universities/Boards	*Corresponding examinations of Banaras Hindu University*
2. *National Council for Rural Higher Education, New Delhi :*	
Diploma in Rural Services	For purposes of admission to the Diploma Course in Lab Science.
3. *Kurukshetra University Kurukshetra .*	
Pre-Medical Examination	Pre-Medical Examination
M.Sc. in Chemistry and Mathematics	M.Sc. in Chemistry and Mathematics
B.A.	B A. (Pass)
M.A. in Hindi, Political Science, Economics, History and English Literature	M.A. in Hindi, Political Science, Economics, History and English Literature.
4. *Vikram University, Ujjain :*	
B.Ed.	B.Ed.
M.Ed.	M.Ed.
5. *Madras Government ·*	
G.C.I.M.	A.B.M.S.
6. *Faculty of Indian Medicine, Amritsar :*	
G.A.M.S.	A.M.S./A.B.M.S.
7. *University of Rajasthan, Jaipur :*	
3-year B.A. Pass & Hons.	3-year B.A. Pass & Hons.
3-year B.Com. Pass & Hons.	3-year B.Com. Pass & Hons
3-year B.Sc. Pass & Hons.	3-year B.Sc. Pass & Hons.
Certificate course in French or German	1st yr. Diploma Course in French or German
Diploma Course in French or German	2nd yr. Diploma Course in French or German

Examination of other Universities/Boards	*Corresponding examinations of Banaras Hindu University*
8. *Bombay University, Bombay :*	
1st year Arts/Science Examination in Pass class	P.U.C. Arts/Science in III Division
9. *University of Kerala, Trivandrum :*	
M.A. in English	M.A. in English
10. *Andhra University, Waltair :*	
M.Sc. Zoology	M.Sc. Zoology
11. *Burdwan University, Burdwan :*	
B.Sc. 3-year Course	B.Sc. 3-year Course
12. *Madras University. Madras :*	
B.Pharm.	B.Pharm.
13. *Saugar University, Saugar :*	
B.Pharm.	B.Pharm.
14. *Nagpur University, Nagpur :*	
1st year Examination of B.Tech.	1st year of 5-yr. Integrated Course in Technology
15. *Board of Ayurvedic & Unani systems of Medicine. Delhi :*	
B.I.M.S.	A.M.S./A.B.M.S.
16. *North Bengal University :*	
P.U.C. Arts	P.U.C. Arts
P.U.C. Science	P.U.C. Science
I.A.	I.A.
I.Sc.	I.Sc.
B.A. Two year Course	B.A. Two year Course
B.Sc. Two year Course	B.Sc. Two year Course
17. *Shri Venkateshwar University :*	
M.B.B.S. Degree	M.B.B.S. Degree

DONATIONS AND ENDOWMENTS

The following donations have been received during the year 1963-64 for the purposes noted against each :

1.	Sm. Kashmira Deviji Dutta, Headmistress, M. C. Junior Basic Girls School, Gautam Nagar, New Delhi.	Rs. 2,500/-	For constructing a room in the S.S. Hospital.
2.	World University Service	Rs. 28,000/-	For constructing 32-bed Students' Ward in the S S. Hospital of the University.
3.	M/S. Ciba of India Ltd., Bombay.	Rs. 6,500/-	For conducting research in fracture healing under Dr. K. N. Udupa, Principal, College of Medical Sciences.

4. Shri B. L. Didwania, a philonthropist of Calcutta has donoted a sum for the construction of a Traumatic Surgery Ward of the existing Traumatic Surgery block of the University Hospital.

5. The University of Delhi has instituted a prize called 'Narsing das Bengali prize' from out of the funds donated by Shri Narsing das Agarwala of Calcutta, Director of National Iron and steel Works, through the Nikhil Bharat Banga Sahitya Sammelan, Calcutta, in order to reward and encourage the writing of Bengali books in Arts and Science. The cash prize of Rs. 1,000/- or a sum equivalent to the annual income of the endowment, which ever is less will be awarded alternatively to Arts and Science subjects The prize for 1964 will go to Arts.

FUNCTIONS

The following functions were celebrated during the year :

University Functions :

1.	Janmashtami	12th August, 1963
2.	Independence Day	15th August, 1963
3.	Birth day of Mahatma Gandhi	2nd October, 1963

Examination of other Universities/Boards	Corresponding examinations of Banaras Hindu University
8. *Bombay University, Bombay :*	
1st year Arts/Science Examination in Pass class	P.U.C. Arts/Science in III Division
9. *University of Kerala, Trivandrum :*	
M.A. in English	M.A. in English
10. *Andhra University, Waltair :*	
M.Sc. Zoology	M.Sc. Zoology
11. *Burdwan University, Burdwan :*	
B.Sc. 3-year Course	B.Sc. 3-year Course
12. *Madras University, Madras :*	
B.Pharm.	B.Pharm.
13. *Saugar University, Saugar :*	
B.Pharm.	B.Pharm.
14. *Nagpur University, Nagpur :*	
1st year Examination of B.Tech.	1st year of 5-yr. Integrated Course in Technology
15. *Board of Ayurvedic & Unani systems of Medicine, Delhi :*	
B.I.M.S.	A.M.S./A.B.M.S.
16. *North Bengal University :*	
P.U.C. Arts	P.U.C. Arts
P.U.C. Science	P.U.C. Science
I.A.	I.A.
I.Sc.	I.Sc.
B.A. Two year Course	B.A. Two year Course
B.Sc. Two year Course	B.Sc. Two year Course
17. *Shri Venkateshwar University :*	
M.B.B.S. Degree	M.B.B.S. Degree

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4.	102 Birth anniversary of Mahamana Malaviyaji	8th December, 1963
5.	Vasant Panchami and Foundation Day celebration	19th January, 1964
6.	Republic Day celebrations	26th January, 1964
7.	Maha Shivratri	11th February, 1964
8.	Ram Navmi	20th April, 1964

Other Functions :

1.	Tilak Anniversary Celebrations	1st August, 1963
2.	Tagore Anniversary Celebrations	8th August, 1963
3.	Ganeshotsava	25th August, 1963
4.	Shri Vishnu Digambar Smriti Divas	30th August, 1963
5.	Teachers' Day	5th September, 1963
6.	Birth Anniversary of Dr. Annie Besant	1st October, 1963
7.	Swami Vivekanand Centenary Celebrations	9th October, 1963
8.	Engineering College Annual Day	21st December, 1963
9.	Women's College Annual Day	23rd December, 1963
10.	College of Music & Fine Arts Annual Day	11th January, 1964
11.	Central Hindu College Annual Day	13th January, 1964
12.	Central Hindu College, Kamachha, Annual Day	16th January, 1964
13.	College of Technology Annual Day	17th January, 1964
14.	College of Mining & Metallurgy Annual Day	23rd January, 1964
15.	College of Medical Sciences Annual Day	2nd February, 1964
16.	Science College Annual Day	15th February, 1964
17.	Law College Annual Day	22nd February, 1964
18.	College of Agriculture Annual Day	24th February, 1964
19.	College of Indology Annual Day	2nd March, 1964
20.	Sanskrit Mahavidyalaya ,,	15th March, 1964
21.	Teachers' Training College ,,	30th March, 1964

DELEGATES OF THE UNIVERSITY TO CONFERENCES

The University deputed the following delegates to the All India Conferences, and seminars mentioned below :

Name of the Delegates	*Name of the Conference*
1 (i) Dr. A. P. O'Brien, Professor of English. (ii) Dr. T. N. Singh, Reader in English. (iii) Mrs. L. Desai, Reader in English.	All India English Teachers' Conference held at Jaipur in December, 1963.
2 (i) Dr. T. R. Anantharaman Prof. of Metallurgy. (ii) Dr. S. Bhan Reader in Metallurgy. (iii) Shri S. L. Malhotra Reader in Metallurgy. (iv) Shri P. Rama Rao Lect in Metallurgy.	Annual technical meeting of the Indian Institute of Metals at Bombay in January 1964
3 (i) Dr. D. Kumar	(i) Annual Convention of the Indian Institute of foundrymen held at Chandigarh on April 11, 1964.
(ii) Dr. S. S. Khanna Reader in Metallurgy.	(ii) Summer Course on Heat Treatment of Metals and Alloys.
4. Dr. K. C. Tripathi Lecturer in Metallurgy.	Common wealth Research Symposium on Corrosion held at Delhi and Kanpur from 20th to 24th of Jan., 1964.
5. Dr. G. B. Singh Prof. & Head of the Deptt. of Chemistry.	International Symposium on the Chemistry of Natural Products at Kyoto, Japan from 12th to 18th April, 1964.
6 (i) Dr. V. K. Chari Reader in English.	American Literature Conference at Hyderabad from 1st to 18th

Name of the Delegates	*Name of the Conference*
(ii) Shri S. M. Pande Lecturer in English.	April, 1964.
7. Dr. T. R. V. Murti Prof. & Head of the Deptt. of Philosophy.	All India Philosophical Congress held at Chandigarh from 26th to 29th December, 1963.
8. Dr. H. L. Singh Prof. & Head of the Deptt. of History.	Seminar on Post graduate Teaching & Research held at Delhi in January, 1964.
9 (i) Dr. K. V. Rao Prof. & Head of the Deptt. of Politics	All India Political Science Conference held at Agra in December, 1963.
(ii) Shri B. L. Garg Lecturer in Politics	
(iii) Dr. V. P. Gupta Lecturer in Politics	
(iv) Dr. T. N. Pant Lecturer in Politics	
10. Dr. D. P. N. Singh Lecturer in Commerce	All India Labour Economics Conference held at Bombay in December, 1963.
11 (i) Dr. S. K. R. Bhandari Prof. & Head of the Deptt. of Commerce. —	XVII All India Commerce Conference held at Agra in December, 1963
(ii) Shri S. M. Tiwari Reader in Commerce.	
12. Shri S. N. Ranade Lecturer in Commerce.	IV Indian Cooperative Congress held at New Delhi in November, 1963.
13. Dr. S. K. R. Bhanderi Prof. & Head of the Deptt. of Commerce.	III All India Seminar on Public Enterprises held at Hyderabad in December, 1963.
14 (i) Dr. S. K. R. Bhandari Prof. & Head of the Deptt. of Commerce.	All India University Employment Bureau Seminar held at B.H.U. in January, 1964.

Name of the Delegates	*Name of the Conference*
(ii) Shri H. S. Kulshrestha Reader in Commerce.	
(iii) Dr. D. P. N. Singh Lecturer in Commerce.	
15 (i) Shri S. M. Tiwary Reader in Commerce.	Industrial Relations Seminar organised by Varanasi Junior Chamber held at Varanasi in November, 1963.
(ii) Shri A. K. Shah Reader in Commerce.	
(iii) Dr. D. P. N Singh Lecturer in Commerce.	
16. Dr. S. K. R. Bhandari Prof. & Head of the Deptt. of Commerce	Seminar on "Industrial Growth in U.P. during the IV Plan" held at Allahabad University in March, 1964.
17 (i) Shri T. B. Siddalingaiah Lecturer in Tamil.	Summer School of Linguistics held at Trivandrum
(ii) Shri B. V. Suryanarayana Lecturer in Telugu.	
18 (i) Dr. S. Bhattacharya Prof. & Head of the Deptt. of Sanskrit & Pali.	International Congress of Orientalists held at New Delhi.
(ii) Dr. V. S. Agrawal Prof. & Head of the Deptt. of Art & Architecture.	
19. Prof. A. K Narain Principal, College of Indology	(*a*) Seminar for 'the Post graduate Teaching and Research in History in Indian Universities' organised by the University Grants Commission held at New Delhi. (*b*) Seminar for 'the problems of Historical Research and and Writing' held under the auspices of the Institute of Historical studies at Poona.

Name of the Delegates	*Name of the Conference*
20. Shri Nisar Ahmad Temp. Tutor in Ancient Indian History, Culture & Archaeology.	Seminar on the Pre-history and Proto-history of India organised by Prof. H. D. Sankalia, Post Graduate Research Institute, Poona.
21. Dr. N. K. Devaraja Prof. & Head of the Deptt. of Indian Philosophy and Religion.	Indian Philosophical Congress held at Chandigarh.
22. Dr. B. M. Shukla Reader in Chemistry.	Pugwash Conference at Udaipur.
23. Dr. J. P. Thapliyal Reader in Zoology.	12th All India obstetric and Gynaecology Congress held in Ahmedabad from 12th to 15th December, 1963.
24. (i) Dr. J. S. Datta Munshi Reader in Zoology. (ii) Shri J. P. Chaudhuri	Summer School in Cell Biology held in Otacamund in June, 1964.
25. Shri R. K. S. Chauhan	Symposium on Problems in Geophysics relating to the Crust of the Earth held at Hyderabad on 30th & 31st Jan., 1964.
26. Shri D. K. Patwardhan Lecturer in Silicate Tech.	Annual General Meeting of the Indian Chemical Society held in Bombay.
27. (i) Prof. H. N. Das Gupta Prof. & Head of the Deptt. of Silicate Tech. (ii) Dr. P. Sen Reader in Silicate Tech. (iii) Shri D. K. Patwardhan Lecturer in Silicate Tech.	Annual General Meeting of the Indian Ceramic Society held in New Delhi.
28. Shri H. S. Kulshrestha Reader in Commerce.	Asian Workshop Seminar on Cooperative methods held in Bombay.

DEVELOPMENT SCHEMES IN PROGRESS

The progress continued on various building projects under Development Schemes sanctioned by the University Grants Commission, though some of the building construction programmes were greatly handicapped due to acute shortage of cement. The progress made on the major projects sanctioned under the Second and Third Five year Plans were as follows —

WORKS COMPLETED IN 1963-64

	Name of the Project	Expenditure 1963-64 (in Rs.)	Sanctioned Amount (in Rs.)
1.	New Guest House	3,047	1,65,689
2.	New International House	16,912	2,00,000
3.	Construction of Engineering College Hostel for 220 Students	8,01,000	1,51,173
4.	Post-graduate Block, Arts College	3,22,872	9,00,000
5.	Multi-Purpose Hall	1,49,569	1;78,000
6.	New Hostel for 150 students	2,19,014	1,50,000
7.	Private Wards S. S. Hospital	1,05,092	1,20,000
8.	Enclosing Verandah in S. S. Hospital	3,648	15,000
9.	Construction of Building of N.C.C. Rifle Coys.	58,297	59,850
10.	Construction of Post Office Building	17,026	29,000
11.	3 Additional Rooms in College of Medical Sciences	3,878	12,000
12.	Development of Press Building	24,043	32,300
13.	Histology Lab. in Anatomy Deptt.	4,472	7,200

WORKS IN PROGRESS IN 1963-64

(But not completed)

	Name of the Project	Expenditure during 1963-64 (in Rs.)	Sanctioned Amount (in Rs.)
1.	Swimming Pool (Olympic Size)	1,79,356	3,00,000
2.	Eye Hospital	1,56,155	2,60,000
3.	Children's Hospital	...	...
4.	Medical College Building	38,525	44,00,000
5.	Construction of Medical College Hostel	3,38,681	16,00,000
6.	Medical College Staff Quarters	78,220	20,00,000
7.	Another Hostel for Engineering College	34,362	7,66,784
8.	Pilot Plant Lab. Min. Met.	14,122	41,000
9.	Water Supply Reorganisation Scheme	17,991	10,46,150
10.	Shopping Centre	28,372	74,500
11.	School of Nursing	35,788	50,000
12.	Expansion College of Medical Sciences	2,31,090	3,00,000
13.	Rest House S. S. Hospital	11,501	1,05,760
14.	Nurses Hostel II Floor	34,722	90,000
15.	Nurses School I Floor	24,564	90,000
16.	Miscellaneous Work in T. T. College	201	12,200
17.	B.H.U. Sewerage Scheme	13,798	2,50,000
18.	Hobby Workshop	7,669	25,000
19.	Construction of Roads	28,115	2,79,000
20.	Improvement of Play Grounds	585	1,44,400

NEW WORKS WHICH HAVE BEEN SANCTIONED AND HAVE TO BE STARTED

	Name of the Project	Estimated Cost (in lacs)
1.	Extension of College of Mining & Metallurgy	5 31
2.	Extension to Women's Collegeé	1 70
3.	Extension of College of Agriculture	3.92
4.	College of Music and Fine Arts	2 53
5.	Law College	7.79
6.	Improvement to Storm Water Drains	1.50
7.	Expansion of College of Medical Sciences	1 50
8.	Improvement to B.H.U. Sewerage	2.50
9.	Extension of Bharat Kala Bhawan	3 00
10.	Workshop College of Agriculture	0.88
11.	Dairy Lab. Agriculture College	0 57
12.	Extension to Pharmaceutics	0.79
13.	Extension to College of Technology first Floor	2.71
14.	Extension to Engineering College	0 91
15.	Construction of Cycle sheds for three Technical Colleges	0.41

NEW SCHEMES

The University. Grants Commission has sanctioned the following schemes in the College of Medical Sciences —

1. Construction of a ward with an accomodation of 32 emergency beds at a cost of Rs. 75,000/-.

2. Construction of the Rest House for accommodating the relatives of the patients coming from far away places. at a sanctioned amount of Rs. 1,00,000/-.

3. *Consolidation of the Under Graduate Courses and Expansion of P.G. Courses and research facilities in the College of Mining & Metallurgy* ·

Proposals for the Consolidation of the under-graduate courses and the expansion of the post-graduate courses and research facilities in the College of Mining & Metallurgy have been submitted for the Third Five year Plan period and grants

for staff, equipment and buildings are shortly expected from : the University Grants Commission.

4. *Centre for Advanced Studies and Research in Philosophy*

Banaras Hindu University has been selected as a centre for advanced studies and research in philosophy. The centre is expected to start functioning with effect from July next. Necessary funds for building, Library, publications and staff have been sanctioned by the University Grants Commission. Staff sanctioned for the centre include a professor, two readers and about half a dozen research workers. The building of the Centre would cost about Rs. 2 lakhs.

5. *Institute of Endocrinology :*

A Scheme has also been submitted to the University Grants Commission for the establishment of an Institute of Endocrinology in the College of Medical Sciences of the University which alongwith the equipment is expected to cost about Rs. 13½ lakh and the recurring expenditure about Rs. 8½ lakh. The Institute will be attached to a 100-bedded hospital for patients of endocrine disorders and for researches. Besides, the Institute will also be the centre for the post-graduate activity and research in the department of medicine of the University.

Development of Instructional facilities at the College of Technology :

During the period under report the University Grants Commission conveyed their acceptance of the recommendations of the A.I.C.T.E. regarding development of Instructional facilities at the College of Technology of this university and sanctioned the following grants accordingly :—

		Expenditure
A. Non-recurring		
(i) Buildings		
Total requirements of accommodations assessed by the A.I.C.T.E.	59,500 Sq.ft.	
Area already sanctioned	46, 940 sq.ft.	
Additional accomodations now to be provided	12,560 sq.ft. (plinth)	
(ii) Furniture		Rs. 2,83,200
B. Recurring		
for maintenance		Rs. 48,500 p.a.

The University-Grants Commission has further sanctioned the following schemes to the University during the year under report:

1. *Scheme for the expansion of the Post-Graduate Courses in Metallurgy during the Third Five Year Plan.*

The expenditure on the scheme will be as follows:

Recurring:

(i) Two additional posts of Lecturers	Rs. 10.200
(ii) Additional Maintenance Grant per annum	Rs 7,500
(iii) 6 Additional Scholarships @ Rs. 250/-, p.m. per scholarships	Rs. 27,500
	Rs. 44,700

2. *Construction of another Engineering College Hostel for 220 Students in the Banaras Hindu University at an estimated cost of Rs. 7,66,784.*

3. *Construction of a Students' Ward in the S. S. Hospital.* The expenditure will be met out of the grant received from the Indian National Committee of World University Service.

4. *Construction of Teacher's Hostel.* The total estimated. Cost would be Rs. 3,47,400.

The Construction work on the above schemes will be taken in hand soon.

VISIT OF THE COMMITTEES

Standards Committee:

Standards Committee of the University Grants Commission headed by Shri S. Govindrajulu, Vice-Chancellor, Shri Venkateshwar University, visited the Banaras Hindu University on November 22, 1963, and discussed with the Principals, Heads of Departments and Student representatives of various Colleges of the University, the problems regarding the Higher Secondary and University Education, falling standards of education and measures to improve the educational pattern in the country. The Committee consists of:

1. Shri S. Govindrajulu, Vice-Chancellor, Shri Venkateshwar University.

2. Prof. G. C. Banerjee, Head of the Department of English, Bombay University.

3. Prof. R. M. Roy, Principal, Surendra Nath College, Calcutta.

4. Dr. George Kurien, Director, Delhi School of Economics, Delhi.

5. Dr. P. J. Philip, Joint Secretary, University Grants Commission.

Visiting Committee for the Department of Silicate Technology and the Department of Chemical Engineering and Chemical Technology :

A Visiting Committee visited the Departments of Chem. Engineering and Silicate Technology on 11th December, 1963 to assess the demands of these departments. The Committee consisted of :

1. Dr. Atma Ram, Director, Central Glass and Ceramic Research Institute, Calcutta.

2. Prof. Mitra of H.B.I., Kanpur

3. Shri M. K. Chatterjee, Dy. Educational Advisor (Technical) Northern Regional Committee, Kanpur.

Visiting Committee for Civil, Electrical and Mechanical Engg. Department of the Engineering College :

Another Visiting Committee visited the Departments of Civil, Electrical and Mechanical Engineering of the Engineering College on 11th and 12th January, 1964 to assess the requirements of the Departments under the Consolidation and Development schemes during the 3rd Five year Plan. The committee consisted of :

1. Shri S. S. Kumar, Director General of Directorate of Technical Education, New Delhi.

2. Dr. S. S. Luthra, Indian Institute of Technology, New Delhi.

3. Shri M. K. Chatterjee, Dy. Educational Advisor, Northern Regional Committee, Kanpur.

NEW APPOINTMENTS ON THE TEACHING STAFF

1. Prof. Z. Hokao of the Tokyo University joined the Department of Mining on September 9, 1963 as Holkar Visiting Professor in Mining for 4 months.

2. Prof. G. R. Piercy of the Canadian Atomic Energy Commission joined the Department of Metallurgy on 13-2-64 as Visiting Professor of Physical Metallurgy under the Colombo Plan for a year

Some of the important appointments made on the teaching staff of the University during the year 1963-64 were:

1. Shri V. S. Ram Chandra Shastry, Principal, Sanskrit Mahavidyalaya.
2. Dr. A. K. Narain, Principal, College of Indology.
3. Dr H. L. Singh, Prof. & Head of the Deptt. of History, Central Hindu College.
4. Dr. Mahindra Nath Ghosh, Prof. of Statistics, Central Hindu College
5. Dr. M.P. Vaidya, Professor of Surgery, College of Medical Sciences.
6. Dr. P. V. Sharma, Professor and Head of the Deptt. of Dravya Vijnan, Post Graduate Institute of Indian Medicine, College of Medical Sciences.
7. Dr. Y. N. Upadhyaya, Head of the Deptt. of Kaya Chikitsa, Post Graduate Institute of Indian Medicine.
8. Dr. P. J. Deshpande, Reader & Head of the Deptt. of Shalya Shalakya, Post Graduate Institute of Indian Medicine.
9. Dr. D. S. Gour, Reader and Head of the Deptt. of Basic Principles, Post Graduate Institute of Indian Medicine.
10. Dr. M. C. Joshi, Reader in Psychology, Central Hindu College.
11. Dr. Lallanji Gopal, Reader in History, Central Hindu College.
12. Shri A. K. Shah, Reader in Commerce, Central Hindu College.
13. Shri H. S. Kulshrestha, Reader in Commerce, Central Hindu College.

14. Dr. Shobh Nath Singh, Reader in Statistics, Central Hindu College.
15. Shri Braj Kishore Singh, Temp. Reader in Commerce, Central Hindu College.
16. Dr. G. R. Phansalkar, Reader in Chemistry, College of Science.
17. Dr. Indra Sen Singh, Temp. Reader in Spectroscopy, College of Science.
18. Shri S. L. Malhotra, Reader in Metallurgy, College of Mining & Metallurgy.
19. Shri G. N. Krishnamurthy, Reader in Civil Engg., Engineering College.
20. Shri G. Rajsekhar, Reader in Electrical Engg., Engineering College.
21. Dr. B. N. Samaddar, Reader in Silicate Technology, College of Technology.
22. Dr. Shriniwas, Reader in Pathology, College of Medical Sciences.
23. Dr. T. P. Srivastava, Reader in Surgery, College of Medical Sciences.
24. Dr. J. N. Bhadury, Reader in Physiology, College of Medical Sciences.
25. Dr. D. N. Prasad, Reader in Pharmacology, College of Medical Sciences.
26. Dr. H. S. Bajpai, Reader in Medicine, College of Medical Sciences.
27. Dr. J. S. Mathur, Reader in Preventive and Social Medicine, College of Medical Sciences.
28. Dr. Ram Sushil Singh, Reader in Dravya Vijnan, Post-Graduate Institute of Indian Medicine.
29. Dr. S. N. Tripathi, Reader in Kaya Chikitsa, Post-Graduate Institute of Indian Medicine.
30. Dr. G. N. Chaturvedi, Reader in Kaya Chikitsa, Post-Graduate Institute of Indian Medicine.
31. Dr. H. C. Shukla, Reader in Basic Principles, Post-Graduate Institute of Indian Medicine.
32. Dr. B. Das Gupta, Reader, Medicinal Chemistry Section, Post-Graduate Institute of Indian Medicine.

33. Dr. T. N. Bhaduri, Reader, Medicinal Chemistry Section, Post Graduate Institute of Indian Medicine.
34. Dr. K. C. Gangrade, Reader, Medicinal Chemistry Section, Post-Graduate Institute of Indian Medicine.
35. Dr. (Miss) N. G. Joshi, Reader, Deptt. of PrasutiTantra, Post-Graduate Institute of Indian Medicine.
36. Dr. N. N. Khanna, Reader in Surgery, College of Medical Sciences.
37. Shri M. R. Gautam, Reader, College of Music & Fine Arts.

NEW APPOINTMENTS ON THE ADMINISTRATIVE POSTS

1. Shri Ram Chandra, Superintendent of Workshop, Engg. College.
2. Shri C. R. Choudhury, Asstt. Supdt. of Workshop, Engineering College.
3. Shri Shiv Nath Raghav, Deputy Librarian, B.H.U. Library.
4. Shri Yogendra Prasad Dubey, Professional Junior, B.H.U. Library.
5. Shri Bijoy Narain Misra, Asstt. Librarian, Post Graduate Research Institute, College of Medical Sciences.

Under the Scheme of upgrading 20% Lecturerships into Readerships, the following appointments were made:

	Name	Subject	College
1.	Dr. V. S. Mull	Hindi	C.H.C.
2.	Dr. K. Shivaraman	Philosophy	C.H.C.
3.	Dr. D. C. Guha	Sanskrit & Pali	Indology
4.	Dr. R. Y. Roy	Botany	Science
5.	Dr. A. K. Bhattacharya	Geology	Science
6.	Dr. J. R. Singh	Agriculture	Agriculture
7.	Pt. A. S. Shstri	Dharmashastra & Mimansa	Sanskrit Mahavidyalaya

TEACHERS WHO RESUMED DUTY AFTER STUDY ABROAD

Name of the teacher	*Designation*	*Country of Study*
Dr. H. S. Lakhtakia	Reader in Surgery	U.K.
Dr. Dharma Pratap	Reader in Law	U.K.
Dr. B. D. Pandey	Lecturer in Agro.	U.S.A.
Dr. I. S. Singh	Reader in Spectroscopy	U.S.A.
Dr. K. S. Subudhi	Lecturer in Physics	West Germany
Shri S. M. Pandey	Lecturer in English	U.S.A.
Dr. (Miss) P. Sah	Reader in Maths.	U.S.A.
Dr. P. J. Desphande	Reader. College of Medical Sciences	U.S.A.
Dr. M. Venugopalan	Lecturer in Chem.	West Germany
Dr. B. K. Dutta	Lecturer in Geophysics	West Germany
Shri G. Rajashekhar	Lecturer in Electrical Engineering	U.S.S.R.

TEACHERS ON STUDY ABROAD DURING THE YEAR 1963-64

Name of the teacher	*Designation*	*Country of study*
1. Dr. T. R. Ananthararaman	Prof. & Head of the Deptt. of Met.	West Germany
2. Shri B. S. Varshney	Lecturer in Chemical Engineering	U.S.S.R.
3. Shri C. B. Prakash	Lecturer in Chemical Engineering	Canada
4. Shri B. Bakhru	Lecturer in Chemical Engineering	Canada
5. Dr. S. P. Singh	Lecturer in Silicate Technology	U.S.A.
6. Shri S. N. Thampi	Lecturer in Pharmaceutics	U.S.A.
7. Shri S. C. Mutha	Lecturer in Pharmaceutics	U.S.A.

Name of the teacher	*Designation*	*Country of Study*
8. Dr. I. C. Bhattacharya	Lecturer in Pharmaceutics	U.S.A.
9. Dr. A. B. Srivastava	Lecturer in Dentistry	U.K.
10. Dr. L. M. Singh	Lecturer, College of Medical Sciences	U.S.A.
11. Shri K. N. Nayak	Reader in Law	U.S.A.
12. Shri K. C. Nag	Instructor in Agri.	U.S.A.
13. Shri R. N. Kaul	Lecturer in Agricultural Engineering	U.S.A.
14. Miss S. Varshney	Reader in Education	U S.A.
15. Shri C. M. Pathak	Lecturer in Spectroscopy	U S.A.
16. Shri S. S. Sharma	Lecturer in Geography	U S.A.
17. Shri N. K. P. Sinha	Lect. in Geography	Canada
18. Shri T. S. B. Narasaraju	Lecturer in Chemist	West Germany
19. Shri K. N. Mehrotra	Lect. in Chemistry	U.S.A.
20. Dr. H. S. Sachdev	Lect in Chemistry	U.S.A.
21. Shri M. N. Mehrotra	Lect. in Geology	West Germany
22. Shri R. K. Lal	Lect in Geology	Canada
23. Shri M. S. Srinivasan	Lect. in Geology	New Zealand
24. Shri S. G. Lele	Lect. in Physics	U.S.A.
25. Shri V. Srinivasan	Lect. in Physics	U.K.
26. Dr. R. N. Singh	Lect. in Physics	U S A.
27. Dr. M. L. Rustgi	Reader in Physics	U.S A.
28. Dr. P. Krishna	Lect. in Physics	U.K.
29. Dr. K. L. Mukherjee	Lect. in Botany	U.S.A.
30. Dr. S. K. Roy	Lect. in Botany	U.K.
31. Shri D. N. Rao	Lect. in Botany	Canada
32. Shri L. V. Venkataraman	Lect. in Maths.	U..S.A.
33. Shri A. K. Tewari	Lect. in Maths.	Canada
34. Shri T. S. Balasubramaniam	Lect. in Maths.	Italy

Name of the teacher	*Designation*	*Country of Study*
35. Shri S. P. Singh	Lect. in Maths.	U.S.A.
36. Shri R. C. Srivastava	Lect. in Statistics	U.S.A.
37. Shri N. C. Jain	Lect. in Statistics	U.S.A.
38. Shri S. K. Gupta	Lect. in History	U.S.A.
39. Shri R. K. H. Saran	Lect. in Politics	Australia
40. Shri K. Shiva Raman	Lect. in Philosophy	U.S.A.
41. Shri Hukum Chand	Lect. in Urdu	U.S.A.
42. Shri P. C. Pandey	Lect. in Theory of Machine	U.K.
43. Shri Ashok Kumar	Lect. in Structure	U.S.A.
44. Shri S. N. Kohli	Lect. in Mech. Eng.	U.S.A.
45. Shri M. Bhattacharya	Lect. in Elect. Eng.	U.K.
46. Shri R. M. Srivastava	Lect. in Mech. Eng.	U.S.A.
47. Shri A. B. Bhattacharya	Lect. in Applied Physics	U.S.S.R.
48. Shri V. S. Raju	Lect. in Civil Engg.	West Germany
49. Shri P. Ramaswamy	Lect. in Mech. Eng.	U.K.
50. Shri M. S. Murthy	Lect. in Mech. Eng.	Czeckslovakia
51. Miss Padma Misra	Lect. in Sanskrit	U.K.
52. Mrs. Bibha Mukherjee	Women's College Lect. in Geography	U.S.A.
53. Miss Ira Roy	Women's College Lect. in Botany	U.S.A.
54. Dr. (Miss) M. Shakuntala	Women's College Reader in Physics	U.K.
55. Mrs. Krishna Tewari	Women's College Lect. in Maths.	Canada

RETIREMENTS

The following members of the staff retired from the services of the University in the academic year 1963-64 under the superannuation rules. The university wishes them a very happy and peaceful retired life.

Dr. D. Swarup, Principal, College of Mining & Metallurgy.

Dr. B R. Deodhar, Principal, College of Music & Fine Arts.

Shri N. M. Kulkarni, Reader in English, Central Hindu College.

Shri Lalji Ram Shukla, Lecturer, Teachers' Training College.

Dr. Balwant Singh, Lecturer, Post Graduate Institute of Indian Medicine, College of Medical Sciences

Shri N. C. Lahiri, Controller of Stores, Department of Metallurgy College of Mining & Metallurgy.

Shri G. B. Chakravarty, Office Superintendent, Engineering College.

Shri L. N. Sahi, Head Assistant, Office of the Controller of Examinations.

Shri B. P. Pandey, Library Assistant, Banaras Hindu University Library.

Shri J. P. Tewari, Head Clerk, Public Works Department.

Shri M. N. Das Gupta, Head clerk, Women's College

Shri Bindeshwari Singh, clerk, Registrar's office (Finance)

Shri Ramji Chaube, Senior Record Keeper, Registrar's Office (Admin.)

Shri Ramji Chaube, Senior Records Keeper, Registrar's office (Admin)

Shri Rajendra Pandey, Store Keeper, Registrar's office, (Admin)

The following teachers of the University have been given extensions to continue for the period noted against each after their retirement :

1. Dr. T. R. V. Murty for 3 yrs. with effect from 15-6-64.
2. Shri J. M. Ahivasi for 1 yr. with effect from 6-7-64.
3. Prof. S. S Gairola for 2 yrs. with effect from 8-7-64.
4. Shri V. S. Ramchandra Shastry for 3 yrs. with effect from 8-7-64.
5. Principal M. Sen Gupta for 2 yrs. with effect from 8-7-64.

HEALTH CENTRE

With a view to gradually develop in the B.H.U. campus teaching health centre providing model integrated health servi-

ces to the residents, especially students, first phase of University Health Centre scheme was implemented from 15-4-64. It will provide the following services:

Impersonal services:

(i) Regular bacteriological and chemical analysis of campus water supply from multiple points and assessment of its role in incidence of preventible gastro-intestinal diseases among the residents.

(ii) Prevention of soil pollution by open air defaecation by 1500 persons daily to eliminate the starting point of all diseases transmitted through faecal circulation in the campus community.

(iii) Plugging up of other lapses in environmental sanitation including health hazards in community messes.

(iv) Facilities for free stools examinations to all residents with a view to assess the levels of clinical and subclinical preventible gastro-intestinal diseases among residents.

Personal services:

To start with, personal services under the scheme will be limited in terms of organised preventive health examinations for new admissions only. These examinations will incorporate:

(i) Medical examinations by medical boards on presc ibed individual medical record envelopes.

(ii) Specialist diagnostic and treatment services for all students filtered out for deviations from normal by medical boards.

(iii) Preventive laboratory examinations for blood, urine and stools.

(v) Preventive immunisations like revaccinations, TAB inoculations, protection aganist tetanus, tuberculin testings followed by B. C. G. and scheduled boster doses during stay in the University.

(v) Health counselling.

STUDENTS' WELFARE

A sum of Rs. 17,530/- was distributed as assistance to students on need-cum-merit basis. Out of about 900 applicants, 467

students were given help. 155 students were given Rs. 50/- each and 306 students were given Rs. 30/- each. 6 students were given Rs. 100/- each

About 25% students applied for work during summer vacation. Work was organised for them through the 'Self-Help Circle' and the Public Works Department

SUPPLEMENTARY EXAMINATION FOR TECHNOLOGICAL STUDENTS

The Academic Council of the Banaras Hindu University decided this year that during the period of national emergency, a supplementary examination be held for the failures of various under-graduate examinations of 1963 under the Faculty of Technology including new Integrated courses and old courses in various Engineering subjects, Pharmaceutics and Agriculture.

INCREASED IN-TAKE CAPACITY

In order to meet additional demands of the country for technical personnel on account of the present National Emergency, the number of seats for admissions in the Engineering College was increased from 270 to 350 per year.

The University also decided during this period to admit 20 more students in the College of Medical Sciences over and above the quota of 40 students and it is hoped that the number of students to be admitted may be increased from 60 to 70 from the next session.

SPORTS AND GAMES

The activities of the University Athletic Association commenced after the nomination of Chairmen and election of captains of various games. The game of Football was the earliest to be started in the third week of August. Other games followed thereafter. Various games Committees organised Inter-College Competitions. The Sports Sub-Committee organised the Annual Athletic Meet in the second week of December, 63. Annual competitions in Gymnastics, Wrestling, Weight Lifting, Malkhambh, Asana exercises and Best Physique were held in the University Gymnasium in the month of March 64. Annual competitions in Swimming could not be organised. The following Colleges were the winners and runners in the competitions :

	Games	Winners	Runners
1.	Cricket	Benco	Techno
2.	Football	Benco	C.H.C.
3.	Sports	Science	C.H.C.
4.	Volleyball	C.H.C.	Min. & Met.
5.	Basketball	Benco	Min & Met.
6.	Tennis	Benco	Min. & Met.
7.	Table-Tennis	Benco	Technology
8.	Badminton	Agri.	C.H.C.
9.	Kabaddi	Science	C.H.C.
10.	Baseball	Benco	Min. & Met.

Excepting Baseball and Squash rackets which were not included in the Inter-University Games and Hockey and Sports, teams of other games participated in the Inter-University Tournaments. All India Inter-University Wrestling and East *Zone Inter-University Cricket Tournaments were held in the* University. The Volleyball, Basketball, Wrestling, Cricket and Swimming teams gave a good account of their performances.

Shri Mallik and Shri Satpathy of the Engineering College participated in the taril matches at Allahabad for the selection of the U.P. Team for the Ranji Trophy Tournament and Shri Satpathy was selected as one of the state players of the team.

The Annual Inter-College Sports Meet during the year was a unique success. It was organised and conducted by the Physical Instructors working under the emergency scheme who were attached to the University Athletic Association in July, 1963. Helped by a few other members of the teaching staff, they worked hard to make the Meet a memorable one. They acted as coaches, referees and umpires and helped in organising games and sports conducted by the University and College Athletic Associations. It was due to their regular coaching and guidance that some of the University teams gave a good performance in the Inter-University Tournaments. They were very helpful during the period of the All India Inter-University Wrestling and East Zone Inter-University Cricket Tournaments. In the interest of games and sports it is necessary that the services of coaches in the various Games and Sports should be permanently available to the students of the University.

Following members of the staff and students were Chairmen and Captains of their respective games during the year:

Chairman	*College*	*Game*	*Captain*	[illegible]
Dr. G. B. Singh	Techno.	Football	Surender Singh	C.H.C.
Dr. B. M. Shukla	Science	Hockey	S. K. Banerjee	M. & M.
Shri U. S. Singh	Agri.	Cricket	U. Sood	Engg.
Shri J. K. Pathak	C.H.C.	Sports	M. P. Singh	Science
Dr. P. Sen	Techno.	Volley ball	T. Misra	C.H.C.
Dr. Chitra Singh	Med. Science	Kabaddi	R. S. Gulati	M. & M.
Dr. U. Prasad	C.H.C.	Badminton	Z. Shauqui	Agri.
Dr. S. S. Khanna	M. &. M.	Tennis	K. Razdan	Benco
Dr. A. K. Ghosh	Engg	T. Tennis	I. H. Hazarika	Benco
Dr. I. C. Pande	Science	Gymnasium	M. K. Choudhary	Benco
Dr. R. S. Choudhary	M. &. M.	Baseball	S. N. Wahal	Techno.
Dr. P. V. Ananthkrishnan	Science	Boat & Swim.	K. N. Khanna	T. T. C.
Shri M. P. Dikshit	Science	Basketball	Dalbir Singh	Benco
Shri M. C. Bijawat	Law	Squash	D.C. Bansal	Benco

Major S. L. Dar, Registrar of the University and Shri Trilochan Pant, Reader, Department of History, continued to act as Vice-President and Hony. Secretary, both being unanimously elected at the meeting of the Athletic Association held on 4th September, 1963.

The World University Science Cooperative project scheme was finalised and approved by the University authorites towards the end of December, 1963 and the Students' Cooperative was formally inaugurated on 26th February, 1964. It would start functioning fully from July 9, 1964.

B.H.U. PARLIAMENT

The annual session of the B H U. Parliament was inaugurated on February 20, 1964 by the Vice-Chancellor Shri N. H. Bhagwati. The Speaker of the B H.U. Parliament, Dr. O. Brain, presided. Shri Sri Prakashji, former Governor of Maharashtra, addressed the B.H.U. Parliament

YOUTH HOSTEL ASSOCIATION OF INDIA

An unit of Youth Hostel Association of India has been set up in the University. The University is now a regional institutional unit of Youth Hostel Association of India.

INTER-UNIVERSITY YOUTH FESTIVAL

The University participated in the 8th Inter-University Youth Festival held in New Delhi during this period. The University competed in 5 out of the 8 items presenting its best in the true spirit of the festival. The One Act Play "The Anniversary" by Chekov was highly appreciated. Cultural affairs officers of the Russian Embassy and other members of their staff came to see the drama and presented a bronze cast of Chekov to the group on the occasion.

NATIONAL CADET CORPS

Compulsory N.C.C. Training :

The compulsory N.C.C. Training launched in the University on August, 1963 has had a flying start. The enrolment of cadets and Kitting them was in full swing up to 31st July, 1963 by which time about 90% of the students had enrolled themselves in the various units of the N C C.

Concession to Students :

The N.C.C was made compulsory for all students of the University and students unfit for N C.C Training were imparted

Physical Training. The students joining the N.C.C. Training on a voluntary basis were given the following concessions:

(i) 5% Concession in attendance to help the students in the best possible manner.

(ii) Exemption from payment of examination fee.

(iii) A prize of Rs. 25/- in the form of books after passing their University examinations.

(iv) One prize of Rs. 75/- to the best cadet in each of the respective N.C.C. units from amongst those who take up training on a voluntary basis.

Promise Parade:

The Vice-Chancellor, Col. N. H. Bhagwati, addressed about 6000 cadets, including 500 girl cadets at a 'promise parade' which synchronised with the Independence Day celebrations on Aug. 15, 1963. The cadets pledged themselves 'to honestly and faithfully serve the country and abide by the rules and regulations of the National Cadet Corps.'

Camps:

The following camps were held in which cadets of 2nd U.P. BN. N.C.C. participated:

(i) *Pre-Commission Training Camp:*

The passing out parade of the Pre-Commission Training Camp (N.C.C.) was held on July 10, 1963 at the Engineering College grounds. Shri C. B. Gupta, the then Chief Minister of Uttar Pradesh, was the Chief guest of honour. Major General Virendra Singh, Director General of N.C.C., was also present on the occasion.

(ii) *2nd UP Infantry BN Camp:*

2nd UP. INF. BN organised an annual Training camp in .H.U. from 4th to 17th Nov., '63.

(iii) *Senior Division Girls' Camp:*

The camp was held in Ram Krishna Hostel from 2nd to 8th Jan., 1964. Approximately 230 girls attended the camp.

(iv) *Republic Day Contingent:*

9 cadets from the B.H.U. a [illegible] ublic Day parade at Delhi.

(v) *All India Summer Training Camp (Girls):*

An all India Summer Training Camp (Girls) was held at Dharamshala from May 26 to June 6, 1964, which was attended by 1 lady officer and 8 girl cadets from the B.H.U.

The closing day function of 69 UP (Rifle) BN., N.C.C. of the University was celebrated on February 25, 1964 The Vice-Chancellor, Col. N. H. Bhagwati, was the guest of honour.

The annual closing function of 18 UP Armoured Squadron 'A' Fd. Coy. Engineers and 9 UP Girls Troop of the N.C.C., B.H.U., was held on March 9, 1964.

OTHER ACTIVITIES

1. *Clinical Block of the University Hospital Foundation Stone Laying Ceremony* ·

The foundation stone laying ceremony of the Clinical Block of the S. S. Hospital, B.H U., was performed by Shri Jyoti Bhushan Gupta, the Hony. Treasurer of the University, on July 9, 1963.

2. *Documentary Film shows :*

Documentary cinema shows on 'wild life' and 'our Forests' were held in various h ste's organised with the kind assistance of Shri D. N. Misra, Forest Extension Officer, Government of Uttar Pradesh, from 15th to 21st July, 1963.

3. *Industries in U.P. Commerce Seminar :*

A seminar on "Aids and Incentives for the Development of Large and Medium Scale Industries in U.P." was held under the auspices of the Research Seminar, Department of Commerce, B.H U , on 16th July, 1963. The participants included some of the local industrialists besides the teachers and research scholars of the Departments of Commerce and Economics of the University as well as local degree Colleges

4. *Teachers' Day Celebration*

It was partially to meet the needs of the teachers in economic distress that the Education Ministry decided last year to observe Teachers' Day every year on the birth day of the President of India, Dr. S. Radhakrishnan, who is an eminent teacher and

educationalist and is acknowledged through out the world as the 'Philosopher King'. The first anniversary of the Teachers' Day was celebrated in the University on the 5th Septembr, 1963. The flag sale drive in connection with the Teachers' Day was initiated by the Vice-Chancellor at a function held at the Students' Association building. The flags worth Rs. 1268.21nP were sold.

5. *International Calendar Exhibition :*

Under the auspices of the International Calendar Exhibition Society of Calcutta, an International Calendar Exhibition was inaugurated on Aug. 27, 1963 in Students' Association Hall of the University. About 200 calendars, some of them being very tasteful, artistic and colourful, of 18 countries including India, U. K., U.S.A. U.S.S.R., U.A.R., Japan, Italy, Switzerland, Netherlands, Austria, Australia, Iran etc., were exhibited.

6. *Orient and Occident Week :*

The University celebrated the Orient and occident week at a colourful function held at the Sanskrit Mahavidyalaya on September 16, 1963. His Excellency Shri Bishwanath Das, Governor of Uttar Pradesh and Chief Rector of our University, inaugurated the function. The orient and occident week celebrations was a part of UNESCO'S major ten-year project 'Mutual Appreciation of the Eastern and Western Cultural Values'. Nepalese students studying in the Banaras Hindu University presented cultural programmes on the occasion.

7. *Seminar : Traditional Values in Indian and American Lives :*

The Seminar on the Traditional Values in Indian and American Lives was held on September 13 and 14, 1963 in the College of Indology. Representatives from the Banaras Hindu University, Lucknow University, Gorakhpur University, Jabalpur University, Saugar University, Vikram University, Allahabad University, Varanaseya Sanskrit University and Kashi Vidyapith, attended the seminar and discussed two papers, one on 'Traditional Values in Indian life' by Dr. Sudhakar Chattopadhyaya of the Visva-Bharati University and the other on 'Traditional values in American life' by Prof. H. Gabriel. The Vice-Chancellor, Shri N. H. Bhagwati, inaugurated the seminar.

8. *Book Exhibitions :*

In the month of October, 1963, the India Book House, Calcutta, organised a book exhibition in the B.H.U. Library.

The exhibition was opened by the Vice-Chancellor Justice Shri N.H. Bhagwati. A number of other exhibtions were also held from December 26 to December 31, 1963 in the B.H.U. Library. These exhibitions were organised by the USIS, British Council, Russian Embassy, German Embassy, Prentice-Hall and the Hindi Department of the Banaras Hindu University.

9. *Fourth Vedic Seminar* ·

The fourth Vedic Seminar under the auspices of the School of Vedic Studies, Banaras Hindu University, was held in the Malaviya Bhawan from November 1 to 18, 1963 and was inaugurated by His Highness Maharaja Vibhuti Narain Singh of Banaras. The purpose of the seminar was to interpret the vast Vedic symbolism on which the whole of the vedic literature is based. Prof. V. S. Agrawala is the Director of the School of Vedic Studies.

10. *American Cultural Week*.

A glimpse of the American Culture, its enormous Scientific and technological achievements, was presented to the students and staff of the University in the course of a 'Cultural Week', which jointly sponsored by the University and the USIS, was inaugurated by the Vice-Chancellor Shri N. H. Bhagwati on Oct

The Cultural Week included three seminars—one each on Economics, Library Science and Law. Lectures and documentary film shows were the other high-lights of the Week.

11. *'Himalaya Darshan. Fine Art Exhibition* ·

The Vice-Chancellor, Shri N. H. Bhagwati, inaugurated Shri V. B. Smart's Himalaya Darshan Fine Art Exhibition in the Bharat Kala Bhawan on October 8, 1963.

12. *NASA Space Mobile Programme:*

The Vice-Chancellor, Shri N. H. Bhagwati, inaugurated the NASA Space Mobile Programme during the American Cultural Week on October 10, 1963, in the Engineering College. The NASA Space Mobile Programme, an audo-visual demonstration unit on wheels, demonstrated the American contribution to the conquest of space.

13. *N.C.C. & National Solidarity Day :*

Banaras Hindu University celebrated the N.C.C. and National Solidarity Day on October 20, 1963 with a spectacular parade by about 2,000 Cadets, both boys and girls. At the outset, Major Jagdishwar Singh Kanwar administered the National Solidarity Pledge to the cadets which read as follows: "I reaffirm the solemn resolve of our people to preserve the freedom and integrity of my mother land, however hard and long the struggle and however great the sacrifices. I pledge to work with determination for the strength and solidarity of the Nation".

14. *Physics Conference on Spectroscopy :*

The Physics Conference on 'Spectroscopy and Allied Subjects' organised under the auspices of the Physical Research Committee of the Council of Scientific and Industrial Research was inaugurated in the department of Physics and Spectroscopy, College of Science, B.H.U., by Prof. R. K. Asundi, Retired Professor and Head of the department of Physics and Spectroscopy of this University, on November 4, 1963. About thirty scientists from various Universities of the country participated in the delibrations which continued upto November 6, 1963.

15. *Law Seminar :*

A Law Seminar, under the auspices of the United States Information Service and the Banaras Hindu University, was held in the Law College from October 10, to October 12, 1963. Besides the members of the Staff of the Law College, Prof Korowicz, Prof. Willcox and Professor Chapman from United States of America and Dr. M P. Jain, Research Director, Indian Law Institute, New Delhi, Dr. R. B. Tewari of Gorakhpur University. Dr. R. C. Hingorani of Delhi University and Shri S. K. Agrawal of Aligarh Muslim University participated in the Seminar. The inaugural session was also addressed by Mr. Barry Zorthian who explained the purpose of the academic get-together.

16. *Seminar on Library Science in India and America :*

For the first time, a seminar on library science in India and America, was held in a University in India in association with United States Information Service. The inaugural function was performed on 8th October, 1963, by Shri N. H. Bhagwati,

Vice-Chancellor, in the Central Library of the University. U.S.I.S. was represented by Mr. David Donovan, Director of Libraries, U.S.I.S

17. *Vice-Chancellors' Conference :*

The 39th meeting of the Inter-University Board of India and the Nineth Quinquennial Conference of the various universities was held on December 29, 30, and 31, 1963, in the Banaras Hindu University The Conference was inaugurated by the Chancellor of the University, Dr Karan Singh, Sadar-i-Riyasat, Jammu & Kashmir, and was presided by Dr. Trigun Sen, Rector, Yadavpur University. The Pro. Chancellor of the University, Kashi Naresh Shri Vibhuti Narayan Singh, was also present on the occasion. The conference was attended by about 150 delegates including 34 Vice-Chancellors. About 200 volunteers drawn from the teachers, students, officers and employees of the University, were commissioned to shoulder the responsibilities of the arrangements for the Conference.

19. *All India Seminar on University Employment, Information and Guidance Bureau :*

The First All-India Seminar on University Employment, Information and Guidance Bureau was inaugurated by Shri Jaisukh Lal Hathi, Minister of State for Labour and Employment, in the University on January 13, 1964 The seminar was presided by Dr. V. K. R. V. Rao, member, Planning Commission, Govt. of India. Shri S. A. Qadir, Director General of Employment and Training and Joint Secretary to Govt. of India, presided over the deliberations held on the next day.

20. *Employment Exchange Week :*

The Industrial skills month and 'know your Employment Exchange Bureau' week organised by the Industrial Training Centre, Engineering College, B.H.U., Industrial Training Institute of Jaunpur and Azamgarh at Varanasi, the District Employment Exchange, Varanasi, and the University Employment, Information and Guidance Bureau, B.H.U., were inaugurated by the D.I.G. Police (Eastern Range), Mr. Tej Mukund at the Industrial Centre, B.H.U. These were organised to educate public, employers, parents, guardians and students about the facilities which have been provided at these places.

Prof. M. Sen Gupta, Principal, Industrial Training Centre, welcomed the Chief guest and explained the aims and objects.

21. *Exhibition of Antiquities :*

The Pro. Chancellor of the University, Maharaja Vibhuti Narain Singh, opened an exhibition of antiquities formed in the excavations carried out by the Banaras Hindu University at Rajghat, on 9th May, 1964.

22. *Hindi Teachers' Seminar :*

Under the auspices of the Extension Services Department of the Teachers' Training College, B.H.U., a seminar of Hindi Teachers of VI to VIII classes of Higher Secondary Schools of Varanasi and Gorakhpur regions was held from 24th February to 26th February, 1964. The seminar was attended by 50 participants. The subject of the Seminar was 'The place of Oral work in Hindi Teaching.'

23. *Workshop to Determine Language Ability of Students :*

Under the auspices of the Natural Council of Educational Research and Training, a Workshop to determine the language ability of VI to VIII class students was held in the Teachers' Training College, B.H.U., from March 3 to March 10, 1964. Participants came from Rajasthan, Madhya Pradesh, Delhi, Punjab, U.P. and Bihar to attend the workshop.

24. *Society of Endocrinology :*

An Indian Society of Endocrinology has been formed during this period in the Banaras Hindu University with the permanent head office at Varanasi. The Society was inaugurated by Dr. C. S. Patel, president, Medical Council of India, on 31st March, 1964. The membership is open to both Medical and non-medical Scientists who are interested in the field of endocrinology and metobolism. Memberships fee is Rs. 10/- per year and entrance fee Rs. 10/-. 118 members have so far joined the Society. 40 members from the various parts of the world have also joined the Society.

25. *Departmental Research Committees :*

The Vice-Chancellor during this period urged the heads of the teaching departments of the University to organise Re-

-search Committees to encourage researches in the various fields of academic activity. Besides giving a fillip to the research work done by the teachers in each of the departments, it would have the effect of showing to the heads of the departments concerned the research work done by the teachers under them, and would also help the University authorities to acquaint themselves with the progress in research done by the various departments.

26. *Regional Training Course in Ore Dressing for the Asian Countries :*

Shri C. Subramaniam, Union Minister for Steel, Mines and Heavy Engineering, inaugurated the Six-week regional training Course in Ore Dressing in the University's College of Mining and Metallurgy on Dec. 16, 1963. The participants in the course came from Japan, Philippines, Thailand, Iran, Nepal, Indonesia, Burma, and from different parts of our Country. The Co-directors, Professor Polkin from the Iron & Steel Institute of U.S.S.R. and Professor Fleming from the Royal School of Mines, London, were deputed by the UNESCO to conduct the course. Dr. K. K. Mazumdar of the Indian Atomc Engg. Commission and Mr. S. N. Ray Chowdhury, Reader in Mining of the University, also delivered lectures on special topics.

27. *Physics and Biology Summer Institutes :*

Two Summer institutes—one in Biology and the other in Physics—were inaugurated in the University on June 8, 1964 under the joint auspices of the University Grants Commission and the Natorial Council for Educational Research and Training in cooperation with the United States Agency for International Development.

The Summer Institute in Biology was organised for the benefit of the teachers of the colleges situated in the State of Bihar, Bengal, Assam and Orrisa. The institute in Physics was meant for the teachers of Higher Secondary Schools. The prime purpose of the Summer Institutes was to widen and nationalise the Scientific knowledge of the teachers and to improve the method of teaching. The Institute in Biology was directed by Prof. R. Mishra and Prof. S. P. Ray Choudhari of the Departments of Botany and Zoology of the University. The Institute in Physics was directed by Prof. A. R. Verma and Dr. G. K.

Das of the Department of Physics. The Institutes had also the benefit of guidance and advice of some renowned visiting American Scholars. Dr. Clayton Wayne Ellett. was attached to the Biology Insitute and Dr. K. C. Clark and Mr. B. F. Swan helped the Physics Institute.

UNIVERSITY EMPLOYMENT, INFORMATION AND GUIDANCE BUREAU

The Bureau, which is a unit of the Employment Service Organization of the Government, is functioning in the University under the over-all supervision of the Vice-Chancellor and the Advisory Committee appointed by him for the purpose. The liason between this Advisory Committee and the Bureau is maintained by the Member-Incharge, who is a senior University Teacher and who is in honorary charge of the Bureau. Dr. I. C. Pande, Reader in the Deptt. of Geology, continued to be the Member-Incharge during 1963-64.

The Bureau catered to the needs of both past and present students of the University. Its functions include:

(a) Providing Vocational Guidance and assistance in matters of choice of courses.

(b) Carrying out investigations for the purpose of testing the alumni in relation to the Employment Market with a view to suggesting adjustment in the courses if necessary in the light of demands.

(c) Rendering of employment assistance.

The Bureau registered a significant increase in the work and expansion of facilities to the students in all its functions given above during the period under report.

(i) *Providing Vocational Guidance and assistance in matters of choice of courses:*

A new feature of rendering Vocational Guidance to all those who seek registration for employment assistance was introduced during the period. The Bureau maintains a well equipped Career Information Room to stimulate students for planning their courses and vocations. The room provides rich and diversified literature connected with Scholarship, Employment, Training and Apprenticeship opportunities, Educational facilities in India

and abroad, Foreign Travel facilities, and self employment opportunities. This latter section has information on about 400 small Scale/Cottage Industries. Special information in respect of Defence Services, opportunities developing during the plan period, Competitive Examinations, Loan etc. have been made available. For this purpose the Bureau has developed a library containing books, prospectuses, syllabii, and other literature

The Bureau also assists students in admission to foreign Universities. This activity includes the work of the Students' Advisory Service of the University, which was entrusted to the Bureau in 1962.

(ii) Studies, Investigation and Publications

(A) The Bureau undertakes studies of occupational, educational scholarship etc. and brings out suitable literature for the guidance of University students. A fortnightly review is prepared and circulated amongst staff and students.

Other publications are made in three series and for the period under review, they are as below :

(a) Plan A Career Series ·

1. Economics for Your Career. 2. Physics for Your Career. 3. Psychology for Your Career.	Already issued
4. Agriculture for Your Career	In the press
5. Geology for Your Career. 6. Statistics for Your Career	Final manuscript is in revision
7. Mathematics for your Career.	Under preparation

(b) Know Your Subject Series :

1. Geology
2. Statistics.
3. Mathematics.

(c) Guidance Leaflet Series :

1. Don't go through life blind folded—'Chart your course'.
2. What every student should Know ?
3. The Job Ahead.
4. Foreign studies section at the Bureau.
5. Vocational Guidance Service at the Bureau.

(B) Studies and work on the following topics have been planned and are expected to be taken up as soon as necessary funds become available :

(a) Alumni Survey.

(b) Studies of problems faced by 1st year students.

(c) Guidance in the choice of courses before the students seeking admission.

(iii) *Employment Assistance :*

The Bureau also undertakes to assist students in seeking suitable jobs and assists Employers in securing suitable University Graduates. The following will illustrate the progress :

Registered for employment assistance	...	438
Submitted to employers	...	799
Placement in employment	...	25

BANARAS HINDU UNIVERSITY GAZETTE

The Gazette has become an important feature of the University and is quite popular with both the students and the teachers. It has largely fulfilled the expectations with which it was started by creating with staff and the students alike greater and greater interest in the day today affairs of the University. It is a very useful media for making them conversant with the various activities which take place in the University in the different spheres of its life, such as academic, cultural, games and sports, extension lectures, functions in various colleges and hostels, visits of the V.I. Ps, lectures by eminent personalities, experts in various subjects, and learned people, both Indian and foreign, who visit the University.

It also enables the ex-students and outsiders interested in University education to remain in touch with their Alma Mater. It publishes a summary of the Gita lectures which are delivered every Sunday in the Malaviya Bhawan, and thus those who are unable to attend them are able to derive benefit thereby.

CIVIL DEFENCE ORGANISATION

The Civil Defence set up in the University was re-organised during the course of the year. The whole University is now divided into 10 wards under one sector warden, the Dean of

students being the Post-Warden for the University as a whole. Training in fire fighting was imparted to persons who volunteered for the same and a first aid unit has been organised.

MISCELLANEOUS

Shri Smart and Rai Krishna Das honoured :

Shri Vasudeo B. Smart, lecturer in Painting, Women's College, was awarded a prize of Rs. 500/- for his Painting "Kamakrida (Raghuvansh)" in the Exhibition of Paintings and Sculptures organised by the All India Kalidasa Samaroha, Madhya Pradesh Kala Parishad, Ujjain. He was further awarded a cash prize of Rs. 1000/- by the Lalit Kala Academy on February 23, 1964 for his painting entitled 'Bazar' (water colour) entered for the National Exhibition of Arts organised by the Academy. The function was held at the Rabindra Bhawan, New Delhi, under the chairmanship of the Union Education Minister, Shri M. C. Chagla.

Shri Rai Krishna Das, Hony. Director of the Bharat Kala Bhawan and a noted Hindi writer, was also awarded a cash prize of Rs. 5000/- by the Lalit Kala Academy, New Delhi.

FINANCES OF THE UNIVERSITY

At the close of the year, the Property and Assets of the University amounted to Rs 8,18,27,031 43 nP. which mainly includes :

(1) The Government Securities and Shares in Joint Stock Companies amounting to Rs. 1,85,23,157.54 nP.

(2) Capitalised values of perpetual annuities and pension payment order amounting to Rs. 6,17,204.71 nP.

(3) Land and Buildings—Rs. 3,34,26,209.20 nP.

(4) Equipment, Machinery, Tools and Plants, Books, Furniture etc. amounting to Rs. 2,16,00,302.82 nP.

During the year 1963-64 the total General Fund Capital Receipts from the various sources were Rs. 14,245 57 and the total General Fund Capital Payments during the year were Rs. 5,05,309.54 nP. Thus the deficit was Rs. 4,91,063.97 nP.

The Revenue receipts from the various sources during the year was Rs. 1,43,89,845.01 nP. and the Revenue pa nts

Rs. 1,38,34,277.06 nP., resulting in a surplus of Rs. 5,55,567.95 nP. There was a net surplus of Rs. 64,503.98 nP. in the combined Capital and Revenue Accounts for the year.

The amount of donations, Recurring and Non-Recurring, Earmarked and Development grants received during the year 1963-64 were Rs. 72,76,887.53 nP. as per details given below :

	Rs. nP.	Rs. nP.
(*A*) *General Fund :*		
(1) Donations for General purposes		319.00
(*B*) *Special Fund :*		
(1) Donations for Scholarships and Prizes.	100.00	
(1) Other donations for special objects :		
(*a*) Temple	9,260.92	
(*b*) Bharat Kala Bhawan	2,147.00	
(*c*) Eye Hospital	50,000.00	
(*d*) Other Spl. Donations	34,563.38	96,071.30
(*C*) Amount of Non-Recurring Grants received from the University Grants Commission and the Govt. of India :		
(1) Engineering College Hostel Building under Expansion Scheme.	4,50,000.00	
(2) Engineering College-New Hostel for 150 Engineering Students	1,78,806.00	
(3) College of Technology-Development of Chemical Engineering and Chemical Technology—Equipment	30,000.00	
(4) Development of Roads	60,000.00	
(5) Electric Re-organisation under Development Scheme.	5,127.64	
(6) Water Supply Re-organisation under Development Scheme.	12,000.00	
(7) T. T. College Building	20,000.00	

(8) Extension to Administrative Office Building.	4,688.42
(9) Improvement to Play Grounds	20,000.00
(10) International House Building	36,500.00
(11) Post-Graduate Training in Arts and Psychology Building	2,80,000.00
(12) Expansion to Library Building	1,00,000.00
(13) Construction of Two Store Sheds for Storing Spare Furniture.	125 00
(14) Re-roofing and Re-modelling of Amphitheatre.	1,400 50
(15) Additional Wing for Kala Bhawan	1,910 00
(16) Furniture for Kala Bhawan.	1,000.00
(17) Construction of Chittupur Road	5,000.00
(18) G. I. Non—Recurring Grant for Integrated Course in Nursing and Public Health at S. S. Hospital	90,000.00
(19) Addition & alteration in the Assaying Lab., College of Min. & Met.	12,000 00
(20) Instructional facilities in Engineering College Building	27,000.00
(21) Covering Verandah in Geology and Geophysics.	2,251.46
(22) Construction of Post-Office Building.	20,000.00
(23) N.C.C. Rifle Building.	50,000.00
(24) For training & Research facilities in Geology & Applied Geology.	40,000.00
(25) Multi-purpose Hall	1,50,000.00
(26) Non-Resident Students Club.	13,000.00
(27) Construction of Pilot Plant in the Deptt. of Min. & Met.	10,000.00
(28) Construction of Staff Quarters	3,82,049.70

(29) Construction of Staff Quarters for College of Medical Sciences.	50,000.00
(30) B.H.U. Press Building	40,000.00
(31) Purchase of Art material for Bharat Kala Bhawan	19,000.00
(32) Equipment for Development of Civil Engineering.	1,50,000.00
(33) Equipment for College of Medical Sciences.	4,00,000.00
(34) *For Equipment under III Plan :-*	
(*a*) Physics Deptt.	1,00,000.00
(*b*) Chemistry Deptt.	1,50,000.00
(*c*) Botany	50,000.00
(*d*) Mathematics.	2,000.00
(*e*) Spectroscopy.	15,000.00
(*f*) Collge of Agriculture	1,50,000.00
(*g*) For purchase of Jeep for College of Indology.	25,000.00
(35) Furniture for Administrative Block Building.	40,000.00
(36) Furniture for College of Medical Sciences.	1,50,000.00
(37) Books for extension services in T. T. College.	500.00
(38) Books for College of Medical Sciences.	50,000.00
(39) Non-Recurring grant for financial assistance to Teachers in University & College for undertaking Research & Learned Work.	6,933.23
(40) S. R. C. A. Grant for Bharat Kala Bhawan.	13,000.00
(41) For Post-Graduate Institute of Indian Medicines.	2,00,000.00
(42) For expansion of Medical College under Emergency Scheme.	3,00,000.00

(43) Non-Recurring U.P. Govt. Grants for Establishment of extension ing at the College of Agriculture.	89,000.00	
(44) For Books for C .H C. School.	2,500.00	
(45) For furniture & equipments for C.H. Girls School.	1,000.00	
(46) Bharat Kala Bhawan.	3,00,000 00	
(47) Development of B.H.U. Press Equipment	56,000 00	
(48) Students' Health Centre Building.	10,000.00	
(49) Medical College		
(a) College Building	5,00,000.00	
(b) Hostel Building	2,00,000.00	
(50) B.H.U. Guest House Building	33,000.00	
(51) For Const. of Swimming Pool.	2,00,000.00	
(52) 25 yds. Shooting Range in the University.	1,000 00	53,06,791.95
(D) Earmarked & Development Recurring Grants received from the University Grants Commission, Govt. of India & U.P. Govt..		
1. Govt. of India Grant for Extension Services, T. T. College.	21,277.00	
2. Instructional Facilities in Civil, Electrical and Mechanical Engineering	55,864.00	
3. Pay of staff and other Recurring Grant for College of Medical Sciences.	8,00,000.00	
4. Pay of staff for Integrated Course in Nursing and Public Health at S. S. Hospital (G. I. Grant)	73,200.00	
5. Grants for Extension work by University Teachers.	2,614.00	
6. Summer School on Vedic Studies	5,000 00	

7.	G. I. *Grant for Archaeological* excavation.	6,000.00
8.	U.G.C. Grant for Summer Courses.	23,000.00
9.	All India Handicraft Board grant for Bharat Kala Bhawan.	12,500.00
10.	U.P. Govt. grant for Eye Relief Scheme.	500.00
11.	U.P. Govt. grant for Extension Services, T. T. College.	2,351.00

Recurring Grants :

12.	U.P. Govt. Grant for Bharat Kala Bhawan.	33,788.50
13.	U.P. Govt. Grant for Extension at Agriculture College.	31,500.00
14.	C. A. & S. R. grant for Bharat Kala Bhawan.	10,000.00
15.	G. I. grant for promotion of Gandhian philosophy.	672.00
16.	For post graduate training Institute in Indian Medicine.	1,00,000.00
17.	For training of emergency nursing aids at S. S. Hospital.	8,650.00
18.	For expansion of Medical College under Emergency Scheme.	22,263.00
19.	For Orient and Occident week at B.H.U.	800.00
20.	U.G.C. Grant towards pay of additional Staff under development of Instructional facilities in the deptt. of Min. & Met.	64,238.00
21.	U.G.C. Grant for T.A. to Teachers visiting Research Centre.	11,937.78
22.	U.G.C. Grant for preparation of Historical Grammer.	40,000.00
23.	G.I. Grant for terminological index of Sri Keshavdas & Jayasi.	3,000.00

24.	U.G.C. Grant for pay of staff for Silicate Technology.	17,300.00	
25.	U.G.C. Grant for additional staff under Expansion scheme at Engineering College.	2,19,000.00	
26.	U.G C Grant for setting up a Translation Cell.	48,618.00	
27.	U.G.C. Grant for revision of salary scales of Teachers in Engg. & Tech.	1,75,000.00	
28.	U.G.C. Grant for Publication of Approved research work	5,000.00	
29.	U.G C Grant for All India seminar of University Employment	2,000.00	
30.	U.G.C. Grant for pay of staff for raising standard of instruction at College of Min. & Met.	22,632.00	
31.	U.G.C. Grant for additional staff in C.H.C. (Humanities)	30,000.00	
32.	U.G.C. Grant for additional staff in T. T. College (Humanities)	20,000 00	
33.	U.G C. Grant for organizing training centre in Ore-Dressing	5,000.00	18,73,705.28
	Grand Total	...	72,76,887.53

The University is extremely grateful to the University Grants Commission for all the assistance it has received from them.

SECTION II

COLLEGES AND DEPARTMENTS

FACULTIES OF THEOLOGY AND ORIENTAL LEARNING

SANSKRIT MAHAVIDYALAYA

Total Number of students in each course:

Madhyama	105
Paurohitya Ratna	30
Shastri	90
Karmakand Shastri	9
Acharya	37
Chakravarti (Research)	8
Total	279

N.B.:—Students of College of Oriental Learning & Theology have taken up Karmakanda Shastri and Paurohitya Ratna courses in addition to their own subjects.

Number of Staff:

Designation	*Sanctioned strength*	*Actual strength*
Principal	1	1
Professor	—	—
Readers	11	11
Lecturers	20	18
Hony. Director of Sanskrit Research	1*	—
Total	33	30

*No appointment has been made.

New appointments during the year with their dates of joining duties :

Name	Designation	Date of joining
Pt. V. S. Ramachandra Shastri	Principal	12-7-1963
Pt. Mool Shankar Shastri	Lecturer in Vedant	9-7-1963
Pt. Ganesh Jha	Temp. Lecturer in Vedant	12-9-63 to 30-4-64
Pt. A. Subrahmanya Shastri	Reader in Mimansa	13-10-63

Research work and publications :

The research work in Veda and Sahitya started under the first five year plan continued during the period. Chakravarti class students are also continuing their research work under their respective supervisors.

Research Scholarships :

1. One Government Post Graduate Research Scholarship of Rs. 100/- p.m. has been awarded to a student of Mimansa.

2. One of the Government of India Scholarship of Rs. 105/- p.m. for blind deaf and orthopblically handiccapped, has been awarded to a blind student of Vyakaran.

3. Two Kashiraj Research scholarships of Rs. 500/- p.a. and two of Rs 400/- p a. have been awarded to Chakravarti Research Scholars.

Literary publications (done by the members of the staff) :

१—पं० सीताराम शास्त्री

(१) प्रौढमनोरमा

(२) लघुशब्दरत्न

(३) बृहच्छब्दरत्न—इन ग्रंथों का संपादन किया जा रहा है, जिनका प्रथम भाग प्रकाशित प्राय है।

२—पं० रामप्रसाद त्रिपाठी

· पाणिनीय व्याकरणे प्रमाणसमीक्षा

यह निबन्ध मौलिक है, प्राय: ४०० पत्र लेख हो चुका है, अभी कुछ शेष है।

३—पं रुद्रधर झा

(१) वाचस्पति —अंक का सम्पादन किया।

(२) मुक्तावली तत्वालोक, द्वितीय भाग का निर्माण किया तथा सम्पादन किया जा रहा है।

४—पं० दरबारी लाल जैन कोठिया

(१) 'समाधिमरणोत्साहदीपक' की विस्तृत प्रस्तावना तथा परिशिष्ठादि तैयार किये।

(२) 'तीर्थंकर महावीर' शीर्षक निबन्ध, हि० वि० विद्यालय से प्रकाशित होने वाली महापुरुषों के चरित्र सम्बन्धी पुस्तक के लिए लिखा।

(३) प्रमाण परीक्षा का हिन्दी अनुवाद व प्रस्तावना लिखी।

५—पं गजानन शास्त्री मुसलगांवकर

(१) वेदान्त परिभाषा पर हिन्दी में 'प्रकाश' नामक व्याख्या चौखंभा संस्कृत सीरीज से प्रकाशित हुई है।

(२) मीमांसा दर्शन का तुलनात्मक इतिहास-अभिलिखित रूप में है।

(३) सांख्यतत्व कौमुदी पर व्याख्या हिंदी में लिखी जा रही है।

(४) मित्रलाभ और सुहृद् भेद पर हिन्दी तथा संस्कृत में व्याख्या-बाँके विलास प्रेस, आगरा से मुद्रित हुई।

(५) नीतिशतक पर संस्कृत व्याख्या वा० वि० प्रेस, आगरा से प्रकाशित हो चुकी है।

(६) विक्रमांकदेव चरित महाकाव्य पर संस्कृत तथा हिन्दी में व्याख्या एवं विस्तृत भूमिका सहित लिखी जा चुकी है जो प्रेस में है।

(७) संस्कृत कुसुमावलि, वा० वि० प्रेस, आगरा से प्रकाशित हुई है।

६—पं० मूलशंकर शास्त्री

(१) सिद्धान्तलेशसंग्रह– हिन्दी व्याख्या सहित-अच्युत ग्रंथमाला से प्रकाशित है।

(२) अद्वैतसिद्धि का हिन्दी अनुवाद—अभी लिखी जा रही है।

(३) निम्नलिखित ग्रंथ सम्पादित—

(१) ब्रह्मसूत्ररत्नप्रभा—हिन्दी अनुवाद सहित अच्यु० ग्र० माला

(२) शिवराजप्रमेयसंग्रह—भाषानुवाद सहित अच्यु० ग्र० ,,

(३) गीता शङ्करानन्दी सहित—अ० ग्र० माला

(४) योगवासिष्ठ का हिन्दी अनुवाद।

७—पं० मधुसूदन शास्त्री

(१) रस गंगाधर की हिन्दी एवं संस्कृत टीकायें लिखी हैं।

(२) रस गंगाधरलोचन लिखा हैं। ये दोनों पुस्तकें हि० वि० के साहित्यानुसंधान विभाग से प्रकाशित हैं।

(३) काव्य मीमांसा की संस्कृत टीका एवं हिन्दी टीका लिखी हैं।

(४) उत्तर रामचरित—संस्कृत-हिन्दी टीका—ज्ञानचन्द छन्नूलाल, कचौड़ी गली, वाराणसी।

(५) शास्त्रीय प्रणाली—जयपुर से प्रकाशित।

(६) व्यक्ति विवेक की मधुसूदनी विस्तृत संस्कृत टीका।

(७) नाट्य शास्त्र एवं अभिनव भारती—संस्कृत-हिन्दी टीका—अप्रकाशित।

(८) हिन्दी के शब्द कोष का संस्कृत में समन्वय—यह एक लघु शब्द कोष हैं।

८—पं० ए० एम० रामनाथ दीक्षित

(१) सामवेदीयकौथुमशाखाया संवत्सरपर्वपर्यन्तभागस्य संपादनमकरवम्।

९—पं० विश्वनाथ शास्त्री

(१) ग्रन्थ सम्पादन—(१) सम्पूर्ण अथर्ववेद का हिन्दी भाषा का प्रकाशन —विद्या-विलास-प्रेस, काशी

(२) बोधचन्द्रिका।

(३) मञ्जीर-मंजु-टीका सहित-संस्कृत।

(२) लेख—(१) भगवन्नाम संकीर्तनम्—प्रज्ञा

(२) म० म० मालवीय जी और साप्ताहिक गीता प्रवचन

(३) प्रज्ञानमानन्दं ब्रह्म—प्रज्ञा अंक

१०—पं० रतिनाथ झा

काव्यानि (१) ऋतु वर्णनम्

(२) महाराजकुम्भप्रशस्ति.

(३) अन्योक्तयः

११—पं०गोपालचन्द्रमिश्र

(१) प्रकाशित पुस्तक—क्षयमास कार्य व्यवस्था

(२) प्रकाशित लेख—(१) वैदिको बहुदेवतावाद.

(२) वैदिकी स्वर भक्तिः

(३) संवत्सर नाम विचार
(४) आश्विन अधिक मास क्यों माने
(५) भारत का विजयी संघटन

१२—पं० केदारदत्तजोशी

(१) म० म० पं० सुधाकर द्विवेदी जी का जीवन और उनकी कृतिय
(२) श्रीमद्भास्कराचार्य कृत सिद्धान्त शिरोमणि ग्रन्थ का प्रकाशन
(१) प्रकाशित मूल ग्रन्थ का प्रकाशन
(२) १७ वीं शताब्दी के विश्वरूपापर नाम मुनीश्वर कृत 'मरीचि भाष्य की पाण्डुलिपि का संशोधन और प्रकाशन
(३) स्वरचित संस्कृत में दीपिका टीका
(४) स्वरचित सोपपत्तिक, परिष्कृत शिखा नामक भाष्य हिन्दी मे
(५) प्राचीन और अर्वाचीन आकाशोय गणित के सिद्धान्तों की सोदाहरण मीमांसा के साथ सूक्ष्म सिद्धान्त समर्थन की १०० पेज की भूमिका
(३) भास्कराचार्याणां गणित कौशलम्—लेख—प्रज्ञा—संस्कृत
(४) मध्ययुग का प्रथम भारतीय खगोल शास्त्री आर्यभट्ट —लेख
(५) सूर्य सिद्धान्त का ज्योतिषोपनिषद अध्याय पर खगोलीय पदार्थों का व्याख्यान (हिन्दी में)।

Distinguished visitors :

Annual Function of the Sanskrit Mahavidyalaya was successfully celebrated in the month of February 1964 under the presidentship of Shri N. H. Bhagwati, Vice-Chancellor.

M.M. Pt. Giridhar Sharma Chaturvedi, M.M. Pt. Mathuranath Dikshit, Pt. T. V. R. Dikshit and Pt. Bhagwat Prasad Mishra attended the function.

General Remarks :

General health of the students was good and majority of them took active part in physical activities i.e. games, sports, gymnasium. Free education is imparted and free accomodation is also provided to the students of this College. No other fee is charged from the students of this College except Enrolment fee of Rs. 2/- and from the boarders Rs. 1.25nP. on account of bulb charges. It is a matter of great pleasure that some Indian States have sent students to this

College after giving them stipend. A number of stipends were awarded to the deserving meritorious students.

FACULTY OF ARTS

CENTRAL HINDU COLLEGE

DEPARTMENT OF ENGLISH

Number of students in each course

P.U.C. (Arts & Commerce)		60
Special		7
B.A. Pt. I	Compulsory	16
	Optional	5
B.A. Pt. II	Compulsory	373
	Optional	126
B.A. Pt. III	Compulsory	242
	Optional	72
B.Com. Pt. I		28
Pt. II		106
Pt. III		93
M.A. Previous		41
Final		37

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	6	5
Lecturers	11	8 permenant +4 temporary (including one working against one Reader's post).

N.B.:—Four American Tutors were attached to the Deptt. under the Fulbright programme.

Changes in the Staff:

Prof. N. M. Kulkarni, Reader, retired on 30th A ril, 1964.

Research Scholarships :

One Junior Research Scholarship of Rs. 100/- p.m. was awarded to Shri M. K. Choudhury.

Distinguished Visitors, :

(1) Dr. D. Wodlinger of U.S.A.

(2) Dr. Miss P. Dua

Social and Extra-curricular Activities :

The University deputed Dr. A. P. O'Brien, Mrs. Leela Desai and Dr. T. N. Singh as delegates to the 14th All India English Teachers' Conference held at Jaipur in the last week of December, 1963. Twelve research papers contributed by the members of the department were read at the Conference. Dr. A. P. O'Brien was elected General Secretary for the 15th Session of the All India English Teachers' Conference held at Aligarh. Dr. V. K. Chari and Mr. S. M. Pande were sent as delegates to the American literature Conference at Hyderabad held under the auspices of the American Studies Research Centre from 1st to 18th April 1964. Mr. Kripa Shankar Misra went to the Central Institute of English, Hyderabad, for a nine months' course.

Department of Mathematics

Number of students in each course :

P.U.C. (Sc.)	274
P.U.C. (Arts)	3
B.Sc.	344
B.A.	22
M.Sc.	49
M.A.	15

Number of staff :	*Sanctioned Strength*	*Actual Strength*
Professors	2	2
Readers	6	5
Lecturers	17	17

Changes in the staff :

Mr. A. K. Gupta resigned during the year.

New appointments during the year with their dates of joining duties :

1.	Mr. R. N. Tiwari	Maths	18-7-63
2.	Mr. L. Radhakrishna	„	9-7-63
3.	Mr. S. N. Lal	„	29-7-63
4.	Dr. B. B. Sinha	„	22-7-63
5.	Dr. S. Masood	„	9-7-63
6.	Dr. M. N. Ghosh	Statistics	16-11-63
7.	Mr. M. P. Singh	„	18-7-63
8.	Mr. R. D. Singh	„	19-9-63
9.	Mr. K. B. Pathak	„	10-12-63
10.	Mr. Jadgish Sinha	„	5-9-63

Changes in the courses, syllabus etc.

M.A. & M.Sc. final Statistics classes were started for the first time.

Resesrch work and publications

1. A Generalisation of the Stieltjes Transform.
2. Some Poperties of the Wa-Transform.
3. On Sa-Transform
4. Properties of a Generalised Struve Function.
5. Recurrence Relations Involving Hy"-Transform.
6. Projective Invariants
7. Probability Models for the variation with the number of births per couples. The Journal of the American Statistical Association, Vol. 58, 1963.
8. Inflated Poisson Distribution. The Journal of Scientific Research, Banaras Hindu University, Vol. XIII (2) 1962-63.
9. A Note on Inflated Poisson Distribution. The Journal of the Indian Statistical Association, Vol. 1, No. 3, 1963.
10. Power of Tukey's test for non-assitivity published in the Journal of Royal Statistical Society, London.
11. A mixed model for fertiliser experiments in cultivator's FIELDS. Published in Calcutta Statistical Association.

12. Hotelling's T^2 in the multivariate analysis of variance published in the Journal of Royal Statistical Society, London.
13. Simultaneous tests of linear hypothesis. Published in the Indian Journal of Agricultural Statistics, New Delhi.
14. Impossibility of Partially Balanced Incomplete Block designs. B.H.U. Journal.
15. Construction of a Design. B.H.U. Journal.
16. Two point Inflated Poisson Distribution.
17. Inflated Binomial Distribution—Journal of the Indian Statistical Association, Bombay.
18. On Generalized Binomial Distribution—B.H.U. Journal.

Research Scholarships :

1.	Govt. of India Res. Training Scheme	3
2.	Research Fellowship—U.G.C.	2
3.	C.S.I.R.	4
4.	T.C.S. Colombo Plan	1
5.	U.P. Scientific Research Committee	2
6.	National Scholarship Scheme	1

Distinguished visitors :

1. Prof R. S. Mishra, Professor and Head of the Deptt. of Maths., Allahabad University.
2. Prof. A. Kawaguchi, Professor of Mathematics, Hokkaido University (Japan) and Mrs. Kawaguchi.
3. Prof. D.D. Kosambi ,Tata Institute of Fundamental Research.
4. Prof. R. P. Agrawal, Professor & Head of the Deptt. of Mathematics, Gorakhpur University.
5. Prof. R. S. Verma, Dean of the faculty of Maths., University of Delhi.

Sports and Games :

A cricket match was played between the Staff and the Post-graduate students. The match ended in a draw.

Social and Extra-curricular activities :

Under the auspices of Mathematical Forum the following lectures were delivered :

3 lectures on 'Selection Problems' by Dr. S. N. Singh.
3 lectures on 'The Development of the Theory of Hypergeometric series' by *Prof. R. P. Agrawal* of the Gorakhpur University.
3 lectures on 'The Finalized Mathematical Terminology in Hindi' by Prof. Brij Mohan
3 lectures on 'Set Theoretic Preliminaries to General Topology' by Dr. V. L N. Sarma.

Under the auspices of the Mathematiclal Society the following lectures were delivered by .

1. Prof. M. Sen gupta of the Engg. College, Inaugural address.
2. Prof. R S. Mishra of the Allahabad University, 'Exterior Products and Determinants'
3. Shri S. M. Sinha of the Employment Bureau, B.H.U., 'Employment opporutinites of students in Maths. and Statistics'.
4. Prof. M. N. Ghosh, 'Random Functions'.
5. Prof. A. Kawaguchi of the University of Hokkaido, Japan, 'Evolution of the concept of Space', 'Generalizations of Riemannian Space' .
6. Prof. D. D. Ko ambi of the Tata Institute of Fundamental Research.

Einstein day was celebrated and the speakers on the occasion were Prof. Brij Mohan, Dr. V. L. N. Sarma, Shri L. Radhakrishna, Shri R. Saran, Shri M. Sitaramayya, Shri K. V. Rao, and Dr. K. P. Singh. Besides these activities, there have been weekly research seminars conducted by Dr. P. Srivastava and Dr. S. N. Singh, wherein research papers by students were presented.

Department of Philosophy

Number of students in each course :

B.A. Part I	1
B.A. Part II	105
B.A. Part III	42
M.A. (Previous)	10
M.A. (Final)	9

Number of Staff:

	Sanctioned strength	Actual strength
Professor	1	1
Readers	3	3
Lecturers	4	4

Changes in Staff:

Dr. G. S. Rai was appointed temporary Lecturer in place of Shri K. Sivaraman who went to Harvard as Post-Doctorate Fellow for 1963-64.

New appointments:

Dr. A. K. Chatterjee was appointed Lecturer in the vacancy of the late Shri B. D. Jain. He joined on the 9th July, 1963.

Research work and Publications:

In Darśana Research Series *Prakaraṇapañcikā* was published as the IVth Volume.

A paper was published by Dr. R. K. Tripathi on 'The Limits of Knowledge' in the 'Darsanik' (three-monthly).

Dr. T. R. V. Murti, as the General President of the Chandigarh Session of All India Philosophical Congress held on 26-29th December 1963, delivered an address on *Some Thoughts on The Indian Philosophy of Language.*

Ph.D. Degree awarded:

Shri K. Sivaraman—Philosophy of Saiva Siddhānta.

Shri S. P. Atreya—Yoga

Ph.D. Degree approved:

Shri J. L. Mehta—The Philosophy of Martin Heidegger.

Shri A. J. Alston—Early Post-Sankara Advaita.

Research Scholarships:

Miss Karuna L. Joshi received the U.G.C. Junior Fellowship for the year 1963-64 also. Smt. Girija Singh was awarded the Departmental Scholarship for the year 1963-64.

Distinguished Visitors :

(i) Dr. Robert Browning, Professor of Philosophy, North Western University, U.S.A., gave a lecture on the Philosophy of A. N. Whitehead on 26th November, 1963.

(ii) Dr. Wilfred Cantwell Smith of Harvard, U.S A., gave a lecture on Comparative Religion.

(iii) Dr. Charles A Moore of the Hawaii University delivered a lecture on the 3rd January, 1964, on 'Whether the West is Materialistic'.

(iv) Dr. Karl H. Potter of U.S.A. read a paper on the Naturalistic Conception of Karma in November, 1963.

(v) Mr. Kothandapani Pillai delivered three lectures on the Philosophy of Saivasiddhānta on the 12th, 13th and 14th March, 1964.

(vi) Dr. Kalidas Bhattacharya of Shanti Niketan visited the Department on the 21st January, 1964.

(vii) Mr. A. J. Alston of Oxford gave a talk on the subject of his thesis on Early Post-Sankara Advaita.

Department of Psychology

Number of students in each course :

P.U.C.	15
B.A. Part I	6
B.A. Part II	62
B.A. Part III	66
M.A. (Previous)	25
M.A. (Final)	25

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3
Lecturers	3	5 (3 Permanent +2 Temporary)

New appointments during the year with their dates of joining duties:

Dr. M. C. Joshi was appointed as Reader on 9-7-1964.

Research Scholarships:

(1) Smt. P. Singh and (2) Shri S N. Upadhyaya—U.G.C.'s Junior Research Scholarship Rs. 200/- p.m.

(3) Smt. S. Singh—B. D. Dulare Scholar. Rs. 140/- p m. and (4) Shri V. K. Mathur—University Scholar. Rs. 100/- p.m.

Distinguished visitors:

1. Dr. P. Razdon, Dean of Arts
2. Dr. A. Vasawada of Jodhpur University
3. Dr. Sohanlal, Retd. Chief Psychologist, Defence Science Organization.

Department of History

Number of students in each course:

P.U.C.	16
B.A. Part I	6
B.A. Part II	61
B.A. Part III	39
M.A. Previous	12
M.A. Final	11
Research	3

Number of staff:	*Sanctioned strength*	*Actual strength*
Professor	1	1
Readers	4	4
Lecturers	5+1 (temp.)	6

Changes in the staff and New appointments:

Dr. H. L. Singh was appointed on the post of Professor of History which fell vacant consequent on the death of Dr. R. S. Tripathi in October 1963 and he took over as Professor and Head of the Department on 10th December, 1963.

The vacancy caused by the resignation of Dr. A. B. Pandey, Reader in History, was filled by Dr. Lallanji Gopal, D. Phil., Ph.D. (London), who joined on 21st November, 1963.

In place of Dr. D. Awasthi, who had been serving temporarily in the leave vacancy of Shri S. K. Gupta, Dr. N. Kundu, Ph.D. (London), was appointed and he joined the Department on 29th February, 1964.

Changes in the courses, syllabus etc.

In the P.U.C. syllabus a few deletions of topics were made. The syllabus remains substantially the same. In B.A. Part I, in place of Indian History Paper I a Paper on the history of Indian culture was introduced with the object of providing a wider coverage of Indian History at the B.A. stage. It was considered necessary to transfer Indian History Paper I to B.A. Part II. The two Papers of British Constitutional History have been reduced to one.

In the M.A. course one more Paper has been added to the three Papers on Indian History. The additional Paper is intended to give the students a knowledge of the social and cultural life of India. An important change in the syllabus is the introduction of a new Paper on History and Historical Writings, the purpose of which is to familiarise the students with the meaning and purpose of History and with the nature of Historical writing done on India.

Research Work and Publications :

Two candidates obtained doctorate in History. The subject of the thesis of Dr. Raja Ram was *The History of the Guhilots.* Dr. Awasthi's thesis deals with the administration of Sir Spencer Harcourt Butler.

Dr. Bhupen Qanungo, Reader in History, read a Paper entitled "A Note on the Attitude of the United States Government towards Indian Independence 1941-1947" at the Indo-American History Congress, held at Hyderabad in April 1964.

Dr. Lallanji Gopal, Reader in History, published the following articles in Research Journals.

(i) Samanta, its varying significance in Ancient India—Royal Asiatic Society, 1963.

(ii) Coin-terms in the literary and epigraphic records of early Medieval India (A.D 700-1200) —Journal of the Numismatic Society of India, 1963.

(iii) The date of Sukraniti—Modern Review: May & June, 1963.

(iv) Feudal polity in Ancient India—Journal of Indian History, August 1963.

(v) Weight standard in the coins of early Medieval India—Journal of the Numismatic Society, 1963 Part II.

(vi) Use of coins in early Medieval India—Journal of the Numismatic Society, 1963 Part II.

(vii) Quasi manorial rights in ancient India—Journal of the Economic & Social History of The Orient-Leiden, 1963: Vol. VI. Part II.

(viii) Some problems of feudalism in ancient India—Annals of the Bhandarkar Oriental Research Institute, 1963.

Dr. V. Pathak published his thesis entitled "*History of Kosala upto the Rise of the Mauryas*" which had been approved for the Degree of Doctor of Philosophy in History in this University in 1958. Besides, he contributed a number of articles to the third volume of the Hindi Encyclopaedia.

An article by Kumari Aparna Chattopadhyay, Lecturer in History, on the *Female Ascetics of the Kathasaritsagar* has appeared in the University Journal Prajna (March 1964).

Shri Rajendra Kumar Bhartiya, temporary Lecturer in History, wrote an article on *The Hindu King and Public Welfare* (Prajna—October, 1963).

Research Scholarship:

Shri S. G. Bajpai, Lecturer in History, has been awarded a Holkar Fellowship in the Humanities for research abroad.

Distinguished Visitors:

Dr. Ishwari Prasad, D. Litt., and Maharaj Kumar Dr. Raghubir Singh, D.Litt., came to the Department and discussed problems of historical research in the Medieval period of Indian History.

Sports and Extra-Curricular activities:

Shri Trilochan Pant, Reader in History, continued as Honorary Secretary of the University Athletic Association.

He delivered a lecture on Indo-Nepalese relations on 20th September, 1963, in the Orient-Occident Week Celebration sponsored by the UNESCO.

General Remarks:

Under the auspices of the post-graduate History Association, the following Papers were read and discussed:

(i) *Gandhiji as an Extremist* by Shri J. N. Vajpeyi.

(ii) *The State and Social Welfare Activities in Ancient India* by Shri R. K. Bhartiya.

(iii) *The Nature of Sovereignty in Medieval India* by Shri J. Chaubey.

Dr. Kenneth Kennedy, Ph.D., delivered a lecture on *History and Anthropology* on 3rd March, 1964.

Dr. H. L. Singh participated in a Seminar organised by the University Grants Commission on Post graduate Teaching and Research. The Seminar was held at Delhi in January, 1964. Many distinguished scholars, Indian as well as foreign, took part in the discussions.

Department of Economics

Number of students in each course:

M.A. Final	43
M.A. Previous	39
B.A. Part III	43
B.A. Part II	135
B A. Part I	7
P.U.C.	64

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	4	4
Lecturers	6	5

Changes in the Staff and new appointments during the year with their dates of joining duties :

Dr. R. N. Bhargava left for the University of Colorado as Visiting Professor on 30-7-63 for one year. Dr. B. K. Singh joined as Temporary Reader on 9-7-1963. Shri K. L. Kool joined as Lecturer on 17-8-1963. Shri G. N. Gandhi joined as Temporary Lecturer on 26-9-1963 and left on 12-12-1963. Shri R. S. Lal joined as Temporary Lecturer on 16-1-1964.

Change in the courses, syllabus etc. :

Two new optional groups for the M.A. Examination have been approved by the Academic Council as under :—

1. Labour Economics.
2. Community Development and Cooperation.

Research Work and Publications :

Shri A. C. Banerjee was awarded the Ph.D. degree in the convocation held on 24-12-1963. The following articles were published in the Journals mentioned against each.

	Author	*Title*	*Journal*
1.	Dr. A. Singh	Prices and Planning	Indian Finance
2.	Shri R. Subrahmanyam	दीर्घावधि—एक टिप्पणी	'आर्थिकी' जनवरी ६४
3.	Shri P. P. Jalan	आर्थिक समष्टि, गतिशीलता और सापेक्षमूल्य	'आर्थिकी', जनवरी ६४
4.	Shri G. S. Kushwaha	"Prospect for an Asian Common Market"	Indian Journal of Economics July 1963
5.	Shri K. L. Kool	The Theory of Trade Union Wage Policy.	Labour Bulletin July 1963.

Research Scholarships ;

Km. Nirja Oberoi has been awarded a Junior Research Fellowship by the University Grants Commission.

Distinguished Visitors :

Prof. Drobyshev Nikhall Alexandrovich of the U.S.S.R. Academy of Sciences visited the Department on 19-10-1963.

Seminars and other academic activities, including the number of papers read by the members of the staff with titles :

Nineteen seminars have so far been held in the Department since July 1963, of which the following were addressed by the members of staff :

1.	Dr. B K. Singh	The Problems in the Formulation of a Debt Policy for India.
2.	Dr. A. S. Raturi	Induction and Deduction in Economics.
3.	Dr. Umesh Prasad	Assessment of Population Growth
4.	Shri G. N. Gandhi	Exports in a Developing Economy.
5.	Shri J. P. Bajpai	Cooperation and Weaker section of Society.
6.	Dr. B. Choudhury	The Law of Increasing Natural Resource Scarcity and Economic Growth
7.	Shri R. Subrahmanyam	Disguised Unemployment.
8.	Shri R. S. Lal	The Concept of Economic Development in relation to Underdeveloped Economies.
9.	Km. U. K. Mehra	The Comparative Fiscal Burden of Public Debt and Taxation.
10.	Dr. A. Singh	Raising Tax Resources from Land.

A seminar on Economics was held from 8-10-63 to 10-10-63 under the joint auspices of the U.S.I S. and the Department of Economics. In this seminar the following papers were read and discussed :

1.	Dr. Charles Lindblom	Prices under Planning.
2.	do	Social and Political Problems of Economic Development.
3.	Dr. R. R. R. Brooks	Social and Political Problems of Economic Development.
4.	do	America's Mixed Economy.

5.	Dr. (Mrs.) Janet Chapman	Changing Pattern of Consumption in U.S.A.
6.	Dr. A. S. Raturi	Social & Political Problems of Economic Development.
7.	Dr. U. Prasad	Social & Political Problems of Economic Development.
8.	Dr. (Mrs.) R. Choudhury	Changing Patterns of Consumption in India.
9.	Dr. A. Singh	Prices and Planning.
10.	Dr. B. K. Singh	Mixed Economy of India.

Social and Extra-curricular activities :

The National Plan Week was celebrated in early October, 1963 under the auspices of the Planning Forum in which Hindi and English competitive debates were held.

Department of Politics

Number of students in each course :

P.U.C.	48
B.A. I	10
B.A. II	122
B.A. III	100
M.A. Previous	11
M.A. Final	11
M.A. Previous (Sociology)	16

Number of staff :	*Sanctioned Strength*		*Actual Strength*	
	Politics	*Sociology*	*Politics*	*Sociology*
Professors	1	1	1	—
Readers	2	1	2	—
Lecturers	5	2	5	3

Changes in the Staff :

Political Science

1. Shri S. Sahu and Shri K. K. Tiwari joined the Deptt. of Pol. Sc. as temporary lecturers.

2. Shri S. N. Rath, Shri K. B. Rai and Shri S. Sahu left the Deptt.

Sociology

Dr. G. S. Nepali and Mrs. S. Jetley joined as lecturers in Sociology. Mr. A. Thomas joined as a temporary lecturer in Sociology in the vacancy of the Professor of Sociology.

New appointments during the year with their dates of joining duties :

Pol. Sc.

1. Shri S. Sahu—Nov., 1963
2. Shri K. K. Tiwari—Feb., 1964.

Sociology

1. Dr. G. S. Nepali—Aug., 1963
2. Mrs. S. Jetley—Aug., 1963
3. Shri A. Thomas—Oct., 1963.

Changes in the courses syllabus etc..

A number of changes were introduced. Courses have been overhauled. A number of new papers have been introduced.

Research work and Publications :

1. *Dr. K. V. Rao :*

Books :

(i) Parliamentary Democracy of India (Second Edition under preparation)

(ii) Munshi and the Constitution (under preparation)

Papers :

(i) Political change in India (read at Simla Seminar, Oct. 1963)

(ii) State Planning Machinery (read at Agra Conference, December 1963)

(iii) Emerging Patterns of Leadership in Orissa (read at Bombay International Round Table, January 1964)

2. *Dr. Ganesh Prasad :*

Papers :

(i) Indian Tradition of Internationalism (completed in 1963)

(ii) Democratic Decentralization—A Layman's approach (to be completed)

(iii) A plea for Reason (to be completed)

3. *Shri B. L. Garg :*

Papers :

(i) *Norms of Indian Foreign Policy* (read at Agra Conference, Dec. 1963)

(ii) *Democratic Values and the present System of Education* (read at Trivendrum Seminar)

(iii) Directive Principles of State Policy in Action (under preparation)

4. *Dr. V. P. Gupta :*

Papers :

(i) Dynamics of Planning under Democratic Government (read at the Agra Conference in Dec. 1963)

(ii) International Law and the World Peace

5. *Mrs. Saraswati Srivastava :*

Papers :

(i) The Problem of Leadership in Emerging Areas with special reference to U.P. (thesis for Ph.D. degree)

6. *Dr. H. N. Tripathi :*

Book :

(i) Crime and Punishment in Ancient India (Hindi)

Papers :

(i) Sovereignty and its Recognition in Ancient India

(ii) The Basis of Indian Nation.

(iii) The Philosophy of Property in Ancient India (to be completed)

(iv) War and Peace in Ancient India (to be completed)

7. *Shri A. Thomas.*

Papers:

(i) The Mind and Spirit of Plato's Dialogues (Published in Pragna, 1961).

8. *Dr. T. N. Pant:*

Paper

(i) Welfare Planning and Democracy (read at Agra Conference last December)

Books

(i) Fundamental Rights in the Indian Constitution (In Press).

9. *Dr. G S. Nepali (Sociology)*:

Papers:

(i) Kinship Organisation of a Himalayan Community (to be completed)

(ii) Social Interaction in Sikkim (to be completed)

(iii) *Some Aspects of Cultural Similarities between Nepal* and South and South-West India (to be completed)

Book.

(i) The Newars: An Ethno-Sociological Study of a Himalayan Community

10. *Mrs. Surinder Jetley (Sociology):*

Papers

(i) Sociological Analysis of the Community Development Programme

(ii) Place of Man in 'Purbijai'—Study of the All-Woman Panchayat (to be completed)

has appeared in the Final Examination this year. Apart from several other features, the greatest merit of this Course is that it is based on the Seminar Method. Every student has, therefore, prepared and read seminar papers on the topics assigned by the teacher concerned in each subject, both compulsory and optional. The Viva-Voce examination of the students at the end of the M.Com. (Final) examination is also a novel feature of our revised M.Com. Course.

(*b*) The Department of Commerce has submitted proposals for the introduction of the M.B.A. (Master of Businss Administration) Course from the next session. M.B.A. Course will be a highly specialised course in the field of Management.

(*c*) Proposals for the formation of a 'Faculty of Commerce' has also been submitted. In principle, the proposal has been accepted by the University and the negotiations are being done with the University Grants Commission for the necessary funds.

Research Work and Publications :

1. *Papers published :*

Dr. S. K. R. Bhandari :

(i) "Food Problem" to be published by the B.H.U. in the Convocation Lectures Series.

(ii) "Private Vs. Public Sector"—to be published by the B.H.U. in the University Extension Lectures Series.

(iii) "Incentives in Public Enterprise"—sent for publication under the proceedings of the 3rd All-India Seminar on Public Enterprises held at Hyderabad in December, 1963.

Shri A. K. Shah

(i) "The New Scheme of (Personal) Taxation—An Analysis of its Impact"—*'Aaj'* dated 9th March, 1964.

Shri H. S. Kulshrestha

(i) "A case for Practical Education in Commerce" —*Pragyan*, October, 1963 and Indian Journal of Commerce, July-September, 1963.

(ii) "Gearing of Capital as a function of Financial Management"—Indian Journal of Commerce, December, 1963.

(iii) "Accounting as a Social Science"—sent for publication in Cost Accountant.

Shri R. A. Singh

(i) "Trends in Finances of Cement Industry"—Industrial Times, Bombay, 1st April, 1964.

(ii) "Financial Structure of Cement Companies" Industrial Times, Bombay, 15th May, 1964.

Dr. M. P. Kacker

(i) "Madras—the Nerve Centre of Cotton Piece Goods Trade in South India"—Indian Industries, Bombay.

(ii) "Modernising the Marketing Machinery of Indian Cotton Mills"—Economic Times, Bombay, 15th April, 1964.

Dr. D. P. N. Singh

(i) "Personnel Management under Third Plan"-Pragyan, 1963.

(ii) Personnel Management—Its need and Present-day Trends"—Pragyan, March, 1964.

(iii) "Motivation and Morale"—Labour Journal, Bombay, March, 1964.

Shri S. N. Ranade

(i) "National Integration and the Tribal Folk" Pragyan, November, 1963.

Shri D. R. Singh

(i) "Sales Tax in Medieval and Modern Period" Pragyan, October, 1963.

(ii) "Sales Tax Revenues in India—A Case Study of U.P. Sales Tax Arrears"—Economic Affairs, Calcutta, November, 1963

(iii) "Uttar Pradesh Men Bikri Kar Ki Samasya" Arthashastri, Delhi.

(iv) "State Sales Tax Structure in India"—A. I. C.C. Economic Review, February, 25, 1964.

(v) "Additional Excise Duty and Its Impact on State Revenue"-published in Indian Journal of Commerce, March, 1964.

(vi) "Rajyon Men Bikri Kar Ki Vyavastha"— *Arthik Samiksha*, March 3, 1964.

Shri K. M. Upadhyay

(i) "Indian Banks and the Market for New Issues" Banker, November, 1963.

(ii) "Investing Bank Funds in New Capital Issues"— Capital, Anniversary Number, November, 1963.

(iii) "Underwriting: Why No Institution"—Industrial Times, Bombay, 13th March, 1964.

(iv) "Foreign Investments and New Captial Issues" accepted for publication in A.I.C.C. Economic Review.

(v) "Preference Share Finance in India"—sent for publication in Indian Manufacturer, Annual Review, 1963-64.

Shri K. P. Agrawal

(i) "Indian Stock Exchanges and Industrial Finance"— Economic Affairs, December, 1963.

(ii) "*Unit Trust Ka Nirman: Ek Arthik Samiksha*" Arthik Jagat 30-7-1963 and 'Aaj' under the caption '*Ek Nyas Vidheyak*'

(iii) "Note on Unit Trust in India"—Finance and Commerce, December, 1963.

(iv) "Role of Stock Exchanges in Industrial Finance" Economic Affairs, October, 1963..

(v) "United Trust of India An Economic Evaluation" —Banker, January, 1964 and Industrial Times, Bombay, February, 1964.

(vi) "Share Prices And Corporate Dividends" Indian Journal of Economics, Special No., April 1964.

Shri B. N. Singh

(i) "Pattern of Entrepreneurship in Agra—with special reference to Light Engineering Industry" sent for publication to A.I. C.C. Economic Review and Economic Weekly.

Shri R. L. Srivastava

(i) "Income Tax Revenue of the Government of India" —sent for publication to Taxation, Delhi and published

in Industrial Times, Bombay, under the caption 'Income Tax Structure"

(ii) "Steps for checking Tax-Evasion"—sent for publication to Banker, Delhi.

2. *Books etc. published :*

(i) Dr. S. K. R. Bhandari & Sri H. S. Kulushrestha	"Essays in Accounting" published by *Sahitya Bhawan*, Agra
(ii) Sri V. N. Gautam	"Paschatya Unnat Lekha Vidhi' (Advanced Accounts)-published by Gautam Bros., Kanpur.
(iii) Sri R. A. Singh	Edited the Hindi Translation of Ricardo's Principles of Political Economy and Taxation to be published under the U.P. Government Scheme of Translations (in press)
(iv) Dr. D. P. N. Singh	(*a*) "Constitution of Ghana"
	(*b*) "Constitution of Australia" (Hindi Translations under the Hindi Translation Scheme of the Government of India)

3. *Seminars, Discussions and Lectures :*

During the year, 28 Research Seminar meetings were held at which the following papers were presented :

Title of the Paper	*Presented by*
1. Selection and Evaluation of Industrial Projects through Scientific Financial Analysis	Dr. S. K. R. Bhandari
2. Incentives in Public Enterprises	Dr. S. K. R. Bhandari
3. Recent Changes in Banking Legislation in India	Sri S. M. Tiwary
4. Philosophy of the Public Sector	Sri V. N. Gautam
5. Special Financial Institutions and the Mobilisation of Savings	Sri A. K. Shah

(ii) "Business Education in India"	Gorakhpur University
(iii) "Planning in India"	Vikram University
(iv) "Private Vs. Public Sector.	B.H.U. Extension Lectures Series.
(v) "Problems of Business Education"	Patna University.

4. *Current Research Topics on which work is going on :*

(*a*) *Research Projects*

(i) *Industrial Relations Research Project*

A Research Project on Industrial Relations in U.P., sponsored by the Research Programmes Committee of the Planning Commission, Government of India, was taken up during the year. Dr. S. K. R. Bhandari is the Director of the Scheme and Dr. D. P. N. Singh is its Deputy Director. The Survey work has been completed and the drafting of the Report is in progress.

(ii) *Capacity Utilisation in Engineering Industries in U.P.*

Another Research Project under this title has been drawn up and submitted for approval of the Research Programmes Committee of the Planning Commission by Sri S. M. Tiwary and Sri Mukund Lal.

(b) Research Topics for Ph.D.

	Topic	Name of Research Scholar	Supervisor
1.	Indian Tariffs A study in Techniques.	Sri R. K. Pande	Dr. R. L. Agrawal Dr. S. K. R. Bhandari
2.	Post-war Capital Market in India	Sri R. K. Lele	Dr. R. L. Agrawal Dr. S. K. R. Bhandari
3.	Finances of U.P. Govt. during New Constitutions	Sri D. R. Pande	Dr. G. S. Baranwal
4.	Sales Tax in U.P.	Sri D. R. Singh	Dr. R. L. Agrawal
5.	Institutional changes in Indian Capital Market and Economic Growth	Sri C. P. Pathak	Prof. S M Tiwary
6.	Ascertainment of Business Profits	Sri H. S. Kulshreshta	Dr. S K R. Bhandari
7.	Handloom Industry of Varanasi	Sri M. A. Zahir	do
8.	State Industrial Enterprises in U.P.	Sri V. N. Gautam	Dr R. L. Agrawal Dr. S. K. R. Bhandari
9.	Cooperative Farming in India with special reference to U.P.	Sri S. N. Ranade	Dr. A. S Raturi
10.	Stock Exchanges and Security Prices in India since 1951.	Sri K. P Agrawal	Dr. S. K. R. Bhandari
11.	Industrial Enterpreneurship in U.P.	Sri V. N. Singh	do
12.	New Capital Issues in India during Plans.	Sri K. M. Upadhyay	do
13.	Income Tax Evasion in India.	Sri R. L. Srivastava	Prof. V. N. Gautam
14.	Community Development in Chhota Nagpur Division	Sri R. N. Verma	Prof. S. M. Tiwari

	Topic	Name of Research Scholar	Supervisor
15.	Financial Structure of Corporate Enterprises in some of the Major Indian Industries	Sri R. A. Singh	Dr. S. K. R. Bhandari
16.	Foreign Collaboration in India	Sri D. S. Misra	do
17.	Sources and Uses of Scheduled Bank Funds in India.	Sri S. P. Gupta	do

(c) *Research for M.Com.*

	Topic	Name of Student	Supervisor
1.	The Powerloom Industry of Varanasi	Sri P. P. Kapoor	Prof. A. K. Shah
2.	Finances of Varanasi Corporation	Sri Govind Prasad	Prof. R. A. Singh
3.	Warehousing in India with special reference to U.P.	Sri Chhote Lal	Prof. V. N. Gautam
4.	The Brass Industry of Varanasi	Sri Radhey Shyam	Prof. S. M. Tiwary
5.	Cooperative Finance in Varanasi District	Sri J. P. Gaur	Dr. S. K. R. Bhandari

Other Research and Academic Activities.

(i) Report on the 'Rural Savings and Investment Pattern, etc in Varanasi Tehsil' submitted by Sri S. M. Tiwary to the Research Programmes Committee of the Planning Commission was accepted and approved for publication at the Research Programmes Committee's cost.

(ii) Participation in Academic Conferences Members of the Staff of the Department participated in the following conferences held during the year.—

(a) *All India Commerce Conference held at Agra in Dec., '63.*

University Delegates · Dr. S. K. R Bhandari
Sri S M Tiwary

Other participants : Sri H S. Kulshrestha
Sri Mukund Lal
Sri D R. Singh
Sri K. M. Upadhyay
Sri M A. Zahir
Sri K. P. Agrawal (Research Scholar)
Sri B. N. Singh (Research Scholar)
Sri R L. Srivastava (Research Scholar)

(b) *All-India Labour Economics Conference held at Bombay in December, 1963.*

University Delegate Dr. D P. N Singh

(c) *IV Indian Co-operative Congress held at New Delhi in November, 1963.*

Observer Delegate Sri S. N. Ranade

(d) *III All-India Seminar on Public Enterprises held at Hyderabad in December, 1963.*

University Delegate Dr. S. K. R Bhandari

e) *All-India University Employment Bureau Seminar held at B.H.U. in January, 1964.*

Participants	Dr. S. K. R. Bhandari
	Sri H. S. Kulshrstha
	Dr. D. P. N. Singh

(f) *Industrial Relations Seminar Organized by Varanasi Junior Chamber, held at Varanasi in November, 1963.*

Participants	Sri S. M. Tiwary
	Sri A. K. Shah
	Dr. D. P. N. Singh

(g) *Seminar on "Industrial Growth in U.P. during the IV Plan" held at Allahabad University in March, '64'*

University Delegate	Dr. S. K. R. Bhandari
Participant	Sri B. N. Singh (Research Scholar)

Research Scholarships :

The following U. G. C. Research Scholarships were renewed for the year 1963-64.

(i) Junior Research Fellowship	Sri K. P. Agrawal
(ii) Research Scholarship	Sri R. L. Srivastava
(iii) Research Scholarship	Sri B. N. Singh

Distinguished Visitors :

This year, Dr. (Mrs.) Chapman, Visiting Professor of Economics, University of Bombay, and Dr. V. V. Ramnadham, Head of the Deptt. of Commerce, Osmània University, visited the Department and delivered lectures on 'The Problem of Planning for Consumption' and 'Regional Planning in India' respectively.

8. *Sports and Games :*

Like other years the students and teachers of the Department of Commerce took active interest in the different games and sports of the College and the University. The following posts

were held by the teachers of the Department in the C.H.C. Athletic Association :—

1. Chairman (Cricket)—Dr. D. P. N. Singh
2. Chairman (Badminton)—Sri S. M. Tiwary
3. Chairman (Bask-t Ball) and Joint Secretary of the Association—Sri Mukund Lal

The following students were the captains of the respective games noted against their names :

1. Sri Surendra Singh (B.Com. Part II)	(1) Hockey (2) Badminton (3) Football (4) Cricket
2. Sri Girish Kumar Singh (B.Com. Part II)	(1) Basketball
3. Sri M. C. Debnath (B.Com. Part III)	(1) Swimming and Boating
4. Sri C. K. Chawra (B.Com. Part III)	(1) Table Tennis
5. Sri Md. Akram (B.Com. Part II)	(1) Kabaddi

Social and Extra-Curricular Activities :

The social and extra-curricular activities of the Department of Commerce are mostly organised under the auspices of the Commerce Association This Association came into existence as early as 1940 and for several years enjoyed the reputation of a successful organisation. However, its activities remained partially suspended for last few years The activities have now been revised fully with the adoption of a new Constitution.

The Commerce Association Library forms one of the most important activities of the Association since last two decades. The members of the Association can only become the member of the Library on a payment of Rs. 10/- as caution money. At present about 100 students derive the benefit as the members of the Library. There are over 1,500 books which have been collected entirely by the voluntary efforts of the students and the teachers of the Commerce Department.

In July, 1963, a tour was organised to Churk, Renukoot and Rihand, while during the winter vacation two more ica-

tional tours were organised by the Association for Calcutta and Bhakra-Nangal via Lucknow, Agra, Mathura, Delhi, Chandigarh and Amritsar.

The Association also held a General Knowledge test and the Photographic Competition. In addition to this, its members also participated in the Debate and Essay Competition organised by the Planning Forum of the Department of Commerce.

During the year two lectures were organised by the Association in October, 1963 and January, 1964, one by Dr. (Mrs.) Chapman, U.S.A. on 'Problem of Planning for Consumption' and the other by Dr. V. V. Ramanadham, Professor of Commerce, Osmania University on 'Regional Planning'.

Department of Hindi

Number of students in each course :

P.U.C.	10
B.A. Pt. I	8
B.A. Pt. II	188
B.A. Pt. III	130
M.A. (Prev.)	22
M.A. (Final)	36
Research Scholar	31

Number of staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	4	4
Lecturers etc.	12	11
Total	17	16

New appointments during the year with their dates of joining duries.

1. Dr. V. S. Mall appointed as Reader with effect from 1-12-1963.
2. Dr. Tribhuwan Singh appointed as permanent lecturer with effect from 9-7-1963.

3. Dr. N. N. Upadhyay appointed as lecturer on probation and joined on 9-7-63.
4. Dr. K. K. Mishra appointed as temporary lecturer and joined on 9-7-1963.
5. Dr. K Mehta appointed as temporary lecturer and joined on 22-7-63.
6. Dr. S. S. Shukla appointed as temporary lecturer and joined on 23-7-63.
7. Dr. R. N. Sharma appointed as temp lecturer and joined on 14-2-64.

Research work and publication

१—श्री पद्मनारायण आचार्य—	"मानस पर एक नई दृष्टि" नामक लेख (शोध पत्रिका में प्रकाशित होने वाला है।)
२—डा० नागेन्द्र नाथ उपाध्याय—	१—शोध प्रबंध 'नाथ और संत साहित्य का तुलनात्मक अध्ययन' प्रकाशित हो रहा है।
	२—"नाथ सिद्धों और बौद्ध सिद्धों के संबंधों पर पुनर्विचार"—वार्षिक शोध लेख प्रकाशित होने वाला है।
	३—"गोरक्ष मल्लिका संवाद और मल्लिका-नाथ" शोध लेख प्रकाशित होने वाला है।
३—डा० भोलाशंकर व्यास—	१—भारतीय साहित्य की रूपरेखा।
	२—भारतीय साहित्यशास्त्र और काव्यालंकार—(प्रकाशित होने वाला है)
	३—संस्कृत भाषा (प्रकाशित होने वाली है)
४—डा० शिवप्रसाद सिंह—	१—प्रेमचन्द. व्यक्ति और युग—प्रकाशित।
	२—आंचलिकता और आधुनिक परिवेश।
	३—राडरवेल की भाषा—प्रकाशित।
	४—ब्रजभाषा के प्राचीन रास—[illegible]
५—डा० श्याम सुन्दर शुक्ल—	१—हिन्दी काव्य की [illegible] (शोध-प्रबन्ध, प्रकाशित [illegible] प्रेस)

	२—संत कवियों की सहज साधना (निबंध प्रका०)
	३—गुजरात के संत कवि प्रीतमदास और उनकी हिन्दी रचनाएं
	४—गुजरात के संत कवि निरात और उनकी हिंदी रचनाएं।
	५—गुजरात के कवियों की हिन्दी रचनाएं (अप्रकाशित शोध निबंध)
६—श्री शिवप्रसाद मिश्र—	१—तेगअली और काशिका : आलोचना और भाष्य।
	२—भारतेन्दु नाटकावली (प्रेस में)।
	३—हमारी शिक्षा (प्रेस में)
७—डा० विजयशंकर मल्ल—	१—आधुनिक हिन्दी साहित्य के माध्यम रूप में गद्य शैली का विकास—(शोध प्रबंध-प्रकाशित होने वाली है)
	२—प्रतापनारायण ग्रंथावली भाग २ (अप्रकाशित)।
८—डा० रुद्रेन्द नाथ शर्मा—	१—नेपाल के एक सन्त कवि—ज्ञान दिल दास।
	२—गोपाल सिंह नेपाली।
	३—नेपाली शासकों का हिन्दी प्रेम।
९—डा० कृष्णकुमार मिश्र—	१—हिन्दी गद्य साहित्य का इतिहास १९२५-५० (प्रेस में)

Research Scholarship—10

1.	Km. Krishna Bhattacharya	Non-Hindi speaking Scholarship.
2.	Shri Harihar Yati	Non-Hindi speaking Scholarship.
3.	Shri Mahendranath Dube	University Scholarship
4.	Shri Shiva Karan Singh	,,
5.	Shri Madhusudan Mishra	,,
6.	Smt. Surya Bala Srivastava	,,
7.	Sri Madhukar Bhatt	Babunandan Inder attar-wala Scholarship.
8.	Km. Shanti Srivastava	Kashiraj Scholarship
9.	Km. S. Sita Rama	Matric Scholarship
10.	Sri Manindra Narain Saha	,,
11.	Sri Vishwanath Iyer	,,

Distinguished visitors.

1. Shri Vasudeo Sharan Agrawal on 22-8-63.
2. Shri Agyey ji on 18-12-63.
3. Pt. Lakshmi Narain Misra on 22-11-63.
4. Dr. Jayadeo Singh on 15-10-63

Social and Extra-curaicular activities

१—दिनाक २-१०-१९६३ को 'तुलसी जयती' का आयोजन ।

२—दिनाक १५-१०-१९६३ को डा० जयदेव सिंह का 'नाटक और सगीत में 'काकु' का स्थान' शीर्षक पर भाषण ।

३—दिनाक २२-१०-१९६३ को शोध संगोष्ठी मे डा० वासुदेवशरण अग्रवाल का भाषण ।

४—दिनाक २२-११-१९६३ को प० लक्ष्मीनारायण मिश्र का भाषण ।

५—दिनाक २८-११-१९६३ को शोध-सगोष्ठी में कु० कृष्ण भट्टाचार्या द्वारा सतों में वैष्णव तत्व का प्रतिपादन ।

६—दिनांक १४-१२-१९६३ को श्री अज्ञेय जी का भाषण ।

Department of Arabic, Persian and Urdu

No. of students in each Course:

P.U C. (General) Urdu (Science Group)	19
P.U.C. (General) Urdu (Arts Group)	6
P.U.C. (General) (Women's College)	5
P.U.C. (Compulsory) Urdu	1
B.A. Part I Urdu	1
B.A. Part II Urdu	8
B A. Part III Urdu	10
B A. Part II Persian	7
B.A. Part III Persian	5
B.A. Part II Arabic	1
B.A. Part III Arabic	2
M.A. Arabic ((Prev.)	1

Number of staff :

	Sanctioned strength	Actual strength
Lecturers	3 Permanent	
	1 Temporary	4

Changes in the syllabus :

Some minute changes were made in the Prospectus of B.A. Part II, III in Persian & Arabic and in M.A. Arabic.

Changes in the staff and new appointments

Shri H. C. Nayyer proceeded to America for studies and in his place Shri S. M. Fida Abbas Rizvi was temporarily appointed as lecturer who joined on 29-9-63.

Research Work and Publications :—

Shri S. M. Sulaiman Abbas Rizvi, lecturer, has been working on the "Influence of Arabic on Persian literature".

Distinguished Visitors :

(1) Mr. Majid Muaghar (from Iran) visited the department and delivered his lecture on his fifty years' relation with India.

(2) Prof. Ehtisham Husain, Head of the Deptt. of Urdu, Allahabad.

(3) Prof. Gyan Chand Jain, Head of the Deptt. of Urdu, Vikram University.

(4) Prof. Shamsher Bahadur Samadi, Head of the Deptt. of Arabic, Lucknow.

(5) Prof. Syed Hasan, Head of the Deptt. of Persian, Patna.

Social & Extra-Curricular Activities :—

A Grand Mushaira was held under the ansp'ces of the Bazm-i-Adeb-i-Urdu, B.H.U., on the 13th of January, '64.

Department of Indian Languages

Bengali Section

Number of students in each Course ·

P.U.C. Optional	28
P.U.C. General	270
B.A. Pt. I, II & III	93
M.A. Hindi IV paper	10

Number of staff:

There are two lecturers and there has not been any change or any addition to the existing staff.

Research work and publications

Shri Paritosh Das's thesis on 'Sakta Literature' for his Ph.D. is nearing completion.

Marathi Section

Number of staff:

Lecturers. 2

Changes in courses, syllabues.

The meeting of the Board of studies in Marathi was held in Feburary 1964. Some changes were suggested for next year and syllabus for certificate and Diploma courses in Marathi were framed.

Research work and Publications.

Shri B. G. Deshpande's book 'झाँसी की रानी' an artistic biography of the Maharani Laxmibai of Jhansi was published in March. In addition to this, his critical History of Marathi literature from 1865 to 1960 is going to be published shortly. Shri W. K. Lele's 'Some articles on literary criticism' appeared in magazines. He is also doing research on Sahitya Shastra from Poona University.

Distinguished Visitors :—

Dr. S. G. Tulpule, the head of the deptt. of Marathi, Poona University, Dr. M.A. Karandikar, the head of the Deptt. of

Marathi, Delhi University and Shri D. L. Adoni, the head of the Deptt. of Marathi. Saugar University visited the Marathi section.

Social and extra-curricular activities :

The Birth Centenary of Shri H.N. Apte, the greatest novelist of Marathi was celebrated in all classes.

Tamil Section

Number of staff :

Lecturer	1	

Number of students in each Course :

P.U.C.	2	(College of Science)
	1	(Women's College)
B.A. Pt. III	1	(C.H.C.)
Certificate Course	1	(C.H.C.)

Changes in the Courses :

The board of studies in Tamil met and suggested revised syllabi of various courses. It was also recommended that Tamil may be introduced as an alternate language in the Paper IV in M.A. (Final) Hindi Examination from the year 1966.

Research Work and Publications :

Shri T. B. Siddalingaiah, Lecturer in Tamil, is doing research in Saiva Siddhanta Philosophy.

Social and Extra-curricular activities :

The Tamil Lecturer, Shri T. B. Siddalingaiah, attended the Summer School of Linguistics held at Trivandrum for six weeks.

Telugu Section

Number of students :

From Pre-University upto B.A. there were students for telugu in the Arts College, Science College and the Women's College. Students whose mother tongue is Hindi, began studying this language. There was one foreign student from Denmark, who attended the classes in Telugu in certificate course through out this year.

Changes in courses, syllabus etc :

Post-graduate Diploma and under-graduate Diploma and Certificate courses in Telugu were recommended and the same one expected to be started from 1964-65. It was also recommended

that Telugu should be introduced as an alternate language in the IV Paper in M.A. Final Examinations in Hindi from the year 1966.

Research Work and Publications :

Research work is being done by the lecturer in the Deptt. He was deputed by the University to attend the Summer School of linguistics at Trivandrum.

Department of Foreign Languages

Number of students in each course :

	P.U.C.	*B.A.*	*Diploma*	*Total*
German	125	25	200	350
French	50	25	50	125
Nepali	50	25	...	75
Chinese	..	..	10	10

Number of Staff :

	Sanctioned strength	*Actual strength*
Reader	1	1
Lecturers etc.	7 and one part time	7 and one part time

New appointments

Mr. S. N. Upadhyaya appointed on probation for two years and Mr. P. Jha Temp. in place of Mrs. Gode

COLLEGE OF INDOLOGY

Department of Sanskrit and Pali

Number of students in each course :

	Sanskrit	Pali
M.A. Previous	18	Nil
M.A. Final	20	Nil
Research	20	Nil

Number of Staff :	*Sanskrit*	*Pali*
Professor	1	...
Readers	2	...
Lecturers	4	3
Instructor	1	...

Changes in the staff:

Shri P. Singh resigned.

New appointments during the year with their dates of joining duties:

I Sanskrit:

Name of Person	Post on which appointed	Date of joining
1. Sri P. Singh	Lecturer in Sanskrit	11-7-63 Appointed on probation with effect from 11-1-64 and he left on 13-4-64.
2. Dr. R.P. Dubey	Lecturer in Sanskrit	9-7-63 Appointed on probation with effect from 25-2-64 in continuation to his previous temporary appoin ointment.
3. Dr. Virendra Kumar	Temp. Lecturer in Sanskrit	9-7-63
II. Pali:		
1. Dr. N. H. Samtani	Temp. Lecturer in Pali	9-7-63
2. Sri K. C. Jain	do	do

Changes in the courses, syllabus, etc.

P.U.C., B.A. and M.A. syllabi have been remodelled.

Research work and publications:

(*a*) The following students obtained Ph.D. degree from the Department of Sanskrit this year :—

(1) Shri Ganesh Shridhar Shastri Warray — The Philosophy of Vijnanabhiksu.

(2) Shri Ram Awadh Pandey ... — A Comparative Study of Unadisutras

(b) The following students have qualified themselves for *Ph.D. degree at the ensuing Convocation:*

(1) Shri N. C. Nath	Extent of Anglo-Sanskrit Parallelism in Vocabulary and its bearings on the Science Language
(2) Shri B. B. Chaubey	Treatment of Nature in the Rigveda.

Staff.

(1) Prof. S. Bhattacharya.

Dr. S. Bhattacharya has published four papers and has delivered 21 public lectures during the year under review including two extension lectures at the Banaras Hindu University, one extension lecture at the University of Delhi and three extension lectures at Sanskrit College, Calcutta. It may be noted that in due recognition thereof the Sanskrit College, Calcutta, has conferred on him the unique distinction of Honorary Fellow of the College.

Dr. S. Bhattacharya attended the International Congress of Orientalists, recently held at New Delhi as the Delegate of the University.

Lectures delivered by Dr. S. Bhattacharya-1963-64:

(1) Bhagavata Dharma	Aug. 6, 1963
(2) An Approach to Research in Sanskrit	Aug. 17, 1963
(3) Swami Vivekananda	Oct. 2, 1963
(4) Bhagavata Dharma	Oct. 3, 1963
(5) Swami Vivekananda (Speech in Bengali)	Oct. 9, 1963
(6) The Definition and Nature of Devotion	Nov. 28, 1963
(7) The Teachings of the Gita	Nov. 29, 1963
(8) Advancement of Sanskrit Studies	Dec. 2, 1963
(9) Future of Sanskrit Studies	Dec. 8, 1963
(10) Advancement of Sanskrit Studies	Dec. 9, 1963
(11) The Moral Ideals of Kalidasa	Dec. 17, 1963
(12) Presidential address	Dec. 19, 1963
(13) Brain Trust	Dec. 20, 1963

(14)	The Artha-Sastra of Kautilya	Dec. 22, 1963
(15)	Swami Vivekananda	Jan. 19, 1964
(16)	Synthesis of Ancient Religions in Modern Age from Indian Standpoint	Feb. 14, 1964
(17)	Para Vidya aur Sarasvati	Feb. 23, 1964
(18)	The Mystery of Mother cult	Feb. 21, 1964
(19)	The Philosophy and Religion of Srimad-Bhagavata	Feb. 27-29, 1964

(2) *Shri N. K. S. Telang, Reader:*

Shri N. K. S. Telang, Reader, delivered a seminar lecture on "Svarita Svara in the Rigveda".

(3) *Dr. D. C. Guha, Reader:*

Dr. D. C. Guha has been awarded the Degree of Doctor of Literature by the University of Calcutta on his thesis entitled "Some Basic Theories and Techniques of the Navya-Nyaya System of Logic".

(4) *Dr. K. C. Pandey, Lecturer:*

His article "Theory of Sabdabrahma" was published in Bharati, the research-bulletin of the College of Indology, 1963.

(5) *Dr. Virendra Kumar, Lecturer:*

His article "Destiny and Human Effort" was published in the Syadvada Patrika, November, 1963.

Research Scholarships:

Sanskrit:

	Name of the Student	*Sources of Scholarship*	
1.	Shri Maan Singh	Government of India Junior Fellowship (Humanities)	
2.	Shri K. P. Singh	U.G.C. (Humanities)	
3.	Shri P. P. Lakkar	do	do
4.	Shri Sharda Prasad	do	do
5.	Shri N. C. Nath	do	do

	Name of the Student	Sources of Scholarship
6.	Shri Rama Shankar Tripathi	Central Sanskrit Board, Govt. of India Scholarship
7.	Shri Amal Dhari Singh	Mayurbhanj Fellowship
8.	Shri Bal Keshava Pd. Mishra	do do
9.	Shri Braj Behari Chaubey	do do
10.	Shri Dinkar Bhatt	do do
11.	Km. Padma Sharma	Departmental Research Scholarship.

Distinguished visitors :

Dr. H. D. Velankar, Head of the Department of Sanskrit, Bombay University.

DEPARTMENT OF ANCIENT INDIAN HISTORY CULTURE & ARCHAEOLOGY

Number of students in each course :

Name of the course	*Total No. of students*
M.A. (Previous)	13
M.A. (Final)	17
Research I Yr.	5
Research II Yr.	11
Post-graduate Diploma in Indian History and Culture	1
Post-graduate Diploma in Numismatics	2
Post-graduate Diploma in Archaeology	1

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Reader	1	1
Lecturers	6	6
Tutor	1 .	1

New appointments during the year with their dates of joining duties:

	Name	Designation	Date of joining
1.	Sri J. N. Tewari	Lecturer in Anc. Ind. Hist. Cul. & Archaeology	9-7-63
2.	Sri Vidya Prakash	do	9-7-63
3.	Sri P. C. Pant	do	9-7-63
4.	Sri Jai Prakash Singh	do	9-7-63
5.	Sri Purushottam Singh	do	16-7-63 (Afternoon.)
6.	Sri Nisar Ahmad	Tutor in Numismatics	21-12-63

Research Work and Publications:

(*a*) The following students obtained Ph.D. degree from the Department of Ancient Indian History, Culture and Archeaology, this year:

(i) Shri Balram Shrivastava—
"Studies in the History of Trade and Commerce in Ancient India (upto 3rd Century A.D.)".

(ii) Miss Saral Shrivastava—
"A Critical study of Varanasrama Dharma".

(iii) Miss Gayatri Agrawala—
"Life as Depicted in the Works of Bhasa".

(iv) Shri Jaya Shankar Mishra—
"A Political and Social History of Albiruni's India".

(*b*) Staff—

1 Prof. A. K. Narain:

(*a*) He has almost completed the first volume of the comprehensive bibliography of Indian History & Culture sponsored by the Govt. of India through National Library of Calcutta.

(*b*) He participated in the Seminars (*a*) for 'the Post-graduate Teaching and Research in History in

Indian Universities' organised by the University Grants Commission in Delhi, and (*b*) for 'the Problems of Historical Research and Writing' held under the auspices of the Institute of Historical Studies at Poona.

(*c*) He organized a seminar on "The Traditional Values in Indian and American Life' at the instance of India International Centre under the UNESCO project of better understanding between East and West. Delegates of seven Universities of the middle zone were invited to participate in the seminar.

(*d*) He has been elected as the General Editor of the Journal of the Numismatic Society of India

2. Dr. V. S. Pathak ·

(*a*) He delivered a course of lectures on 'The Personality of the Uttar Pradesh' in the International Institute of Culture, Calcutta.

(*b*) His book on "the Ancient Historians of India" is being published by the Asia Publishing House.

(*c*) Following articles are published :—

(i) Itihasa Under the Shadow of a Symbolist Prof. V. V. Mirashi—Felicitation Volume.

(ii) The Agni-Kula Legend: The Mediaeval and the Modern Myths—Bharati, Vol. VI.

(iii) Biographies in Early Mediaeval Sanskrit Literature—Bharati, Vol. VII.

3. Shri L. K. Tripathi:

He has almost finished collecting material on the important topic of 'the Evolution of the Hindu Temple Architecture' and is expected to submit his thesis by the end of this year. He continued to be the Assistant Editor of the Bharati, the Research Bulletin of the College of Indology.

4. Shri Vidya Prakash:

He submitted his thesis on 'The Cultural Life as depicted in the Khajuraho Sculptures'.

He published following research articles:

(a) Dance in the Khajuraho Sculptures, Bharati, Vol. VII.

(b) Defence Lectics in the Nitisara of Kamandaka, Bharati, Vol. V.

5. Shri J. P. Singh has published following research articles:

(a) On the so-called *Khadga-trata* coin-type of Kumaragupta I, *JNSI, XXV*

(b) On the Ramagupta of Coins, *JNSI, XXV*

(c) On the Mrigaya Coin-types of the Guptas, *JNSI. XXIV*

6. Shri P. C. Pant helped Prof. Narain in organising the work of archaeological explorations in the Eastern Districts of Uttar Pradesh financed by the U.P. Government. Shri Pant and his team brought to light more than 50 new sites. The most remarkable find of the season was the discovery of a large number of Unifacial pebble-tools on the borders of the districts of Hamirpur and Jhansi, which has shown for the first time the existence of the earliest varieties of Pre-historic stone-tools in Central India, hitherto known only from the Sohan Valley in the Punjab. This discovery has attracted the attention of archaeologists of the country and abroad.

He read a paper on the 'Sohan tools in Central India' in a Seminar organized by Prof. H. D. Sankalia of the Poona Post-Graduate and Research Institute.

He also published a monograph on 'Lithic Tool Industries of Banda'.

7. Shri Purushottam Singh undertook the exploration of a part of Banaras District and discovered several new sites in Chakia Tehsil.

8. Shri T. N. Roy and Purushottam Singh assisted Prof. Narain in the Rajghat Excavations.

9. Shri Nisar Ahmad published following articles:—

(a) On the Copper coins of Ramgupta, *JNSI ; XXV.*

(b) On the Coins of Arthapati—a Nala Ruler, *JNSI, XXV.*

(c) A Note on the so-called Bi-regnal Bi-mintal Copper Mughal coin, *JNSI, XXV.*

He was invited to participate in the Seminar on the Pre-history and Proto-history of India organized by Prof. H. D. Sankalia, Post-Graduate and Research Institute, Poona.

As usual, the Archaeological Section was very active. Four gold coins of the Gupta kings—Chandragupta II, Kumargupta I and Skandagupta—and a sealing of the Gahadavala king Govindachandra Deva are some of the attractive finds. A trial trench at Kamauli has been highly rewarding, and it is hoped that the spade of an archaeologist will soon bring to light the ancient-most site of Kasi.

Distinguished Visitors :

(a) Nihar Ranjan Ray, Prof. and Head of the Dept. of Ancient Indian History and Culture, University of Calcutta.

(b) Prof. Cantwell Smith

(c) Prof. J. N. Banerjee.

(d) Dr. Wayman.

(e) Prof. R. C. Majumdar.

(f) Dr. Majid.

7. *Research Scholarships :*

	Name of the Student	*Sources of Scholarship*
1.	Shri Hit Narain Jha	T. C. S. Colombo Plan
2.	Km. Dharmawati Srivastava	U. G. C. (Humanities)
3.	Shri Hari Anant Phadke	do
4.	Mrs. S. D. Singhal	Senior Research Fellow (Humanities)
5.	Mrs. Uttara Kumari Pandey	T. C. S. Colombo Plan
6.	Sri Mani Shanker Shukla	U.G.C. Postgraduate
7.	Km. Vibhawati	Deptt. Research Scholarship
8.	Km. Sarla Chopra	do
9.	Mr. Joseph Van Troy	do
10.	Mr. Bhola Prasad	do

Department of Art and Architecture

Number of Students in each Course:

M.A. Previous	4
Ph.D.	5

Number of Staff:

	Sanctioned Strength	Actual Strength
Professor	1	1
Reader	...	...
Lecturer	1	1 (Temp.)

Research work and publications:

(i) In the month of April the book "*Glorification of the Great Goddess*" which is a commentary on the *Devīmāhātmaya*, was published.

(ii) A week prior to this the great "*Prakrit Dictionary*" was brought out in its second revised edition under the editorship of Dr. V. S. Agrawala. It is a big quarto volume in about 950 p.

(iii) A full commentary on the "*Matsya Purāna*" was written during May and June 1963 and it was published by the All-India Kashiraj Trust on 6th July, 1963.

(iv) An exposition of the Symbolism of the Sarnath Lion Capital was written and published under the title "*Chakradhvaja*".

(v) A commentary on the *Asyavāmīya Sūkta* of the Rigveda under the title "*Vision in Long Darkness*" was written and printed during Sept. and Oct. 1963. It is a big volume of Royal quarto size in about 250 pp. with 28 illustrations and was formally published on Nov. 18, 1963.

(vi) Revised the *Gītā Transalation of* Prof. Archie J. Bahm, University of Mexico.

(vii) Prepared a collection of fifty articles on Indian art which is being printed under the title "*Studies in India Art*".

(viii) Pr pared a revised second edition of the book "*Samarāngana-Sutradhāra*" which is being published from the Oriental Institute, Baroda.

(ix) Prepared a Hindi Translation of the book "*Sparks from the Vedic Fire*" under the name "*Vedarasmi*" which is being published by Svādhyāya Mandal, Pāradī.

(x) Undertook the writing of a History of Indian Art which has been half finished and printed.

(xi) Prepared a Word-Glossary and Introduction in 300pp. for the revised Devanāgarī edition of *Divyāvadāna* being published by B.H.U Press

(xii) Wrote a new commentary on the *Srimad Bhagavadgītā* under the name of "*Gītā-Navanīta*" being published in weekly Hindustan and which has now been published in the form of a book.

(xiii) Wrote a commentary entitled "*Samjīvanī*" on the *Kīrtilatā* of Vidyāpati.

(xiv) *Yajna-Varāha* or Solar Symbolism of the Boar in the form of essays and book was printed

(xv) *Brihad Hindi Lokokti-Kosa* was continued throughout the session.

(xvi) The English version of Kirfel's book "*Purāna-Pancha-Lakshana*" was prepared to about half of its extent.

(xvii) A Commentary on the *Nāsadīya Sukta* under the title *Hymn of Creation* was written out and printed.

(xviii) An English translation of *Dravya-Parīkshā*, Thakkur Pheru's book on Indian Coins was sent to Prof. H. K. Sherawani for *Yajadani Commemoration Volume*.

(xix) Wrote a paper on the *Coin Data in Divyāvadāna* for the Numismatic Chronicles

(xx) Prepared a commentary on the Vāmana Purāṇa in 200 pp and also published it.

(xxi) Undertook the preparation of *A Cultural Commentary of Harsha-Charita* of Bana under the title "*Deeds of Harsha*", half of which was completed during the year.

(xxii) The book *Ancient Indian Folk-Cults* (*Prāchīna Bhāratīya Loka-dharma*) was printed during the year.

(xxiii) Work on a commentary on the Rigveda was commenced and 33 Suktas were finished.

(xxiv) The book *Bhārata-Sāvitrī* vol. II was completed and printed during the year, which is being published by the Sastā-Sāhitya-Maṇḍal.

(xxv) The book Mathurā Kalā (Hindi) was printed by Gujrat Vidyā Sabhā, Ahmedabad.

Lectures by Dr. V. S. Agrawala :

(i) Delivered a lecture on Indo-Nepalese Cultural Content in the Nepalese Seminar on 18th Sept. 1963, at which Shri Harishwar Dayal, Indian Ambassador to Nepal was present.

(ii) A Session of the School of Vedic Studies was held from Nov. 1-18, 1963. Maharaja Vibhuti Narayan Singh delivered its inaugural address and Sri Shri Prakash presided over its concluding function.

(iii) Delivered a lecture on the *Vedas and Modern Thought* in the University Extension Lecture Series for the cities in Kamachha hall, inaugurated by Vice-Chancellor on Saturday 24th March, 1964.

(iv) Attended the International Congress of Orientalists, New Delhi and read a paper in the Vedic section on Traditional Approach to Vedic Interpretation.

Acted as the General Editor of the Nepal Endowment Sanskrit Series and of Prakrit-text Series.

Research :

Ph.D. Thesis on "Ellura" by Raj Gopal Iyer and another by Pt. Ram Kumar Chaube on "Alberuni's India" were prepared under the direction of Prof. V. S. Agrawal and submitted.

Department of Indian Philosophy and Religion

The Department of Indian Philosophy and Religion provides mainly for Postgraduate studies and Research in Indian Philosophy and Religion and Comparative Religion. It has also a Diploma Course in Indian Philosophy and Religion attached to it. One notable feature of the Department is that, during the

last few years, it has been regularly attracting foreign stu for M.A. and Diploma courses as well as for Research fo Ph.D. degree.

Number of students in each Course ·

M.A. Previous	2
M.A. Final	2
Ph.D. 1st Yr.	9
Ph.D. 2nd Yr.	6

Number of Staff.

	Sanctioned strength	*Actual strength*
Professor	1	1
Reader	1	1

Changes in the Courses, Syllabus etc.

Certain changes were made in the M.A. Courses of this Department. The name of the Diploma Course was changed from 'Diploma in Indian Philosophy and Culture' to 'Diploma in Indian Philosophy and Religion'

Research Scholarships :

There are three Research Fellowships, called Gaekwad Fellowships and one Departmental Scholarship for research work. They are awarded to Research Fellows and Research Scholars of the Department, generally for a period of two years. Some research scholars of the department are enjoying some other scholarships not connected with the Department.

Distinguished Visitors :

Two Professors from U.S A., one from Egypt and one scholar from Iran visited the Department and had interesting discussions with the members of staff.

Research Work and Publications ·

The topics of research pursued by the scholars cover a wide range. Those assigned to research scholars during the current session are —

1. A Comparative Study of the Bhasyas on the Bhagavadgita by Sankara and Ramanuja ;

2. Analysis of Knowledge in Sankara and Ramanuja;
3. Ethical Thought in Recent Indian Philosophy;
4. Sri Aurobindo's Interpretation of Indian Religious Thought and his Contribution to it.
5. Religious Consciousness in the Principal Upanisads;
6. Treatment of Appearances in Sankara and Bradley;
7. A Critical Study of the Logical Doctrines of the Nyaya Manjari of Jayanta Bhatta.
8. The Religious Philosophy of Vishnu Purana;
9. Nature and Destiny of Man in the 20th Century Indian Philosophy;
10. The Nature of Authority in Religious Philosophy.

The research on the above subjects is being conducted under the supervision of Prof. N. K. Devaraja, Head of the Deptt. and Dr. R. S. Misra, Reader in the Department.

Teachers and Research Scholars of the department regularly participated in the Research Seminars arranged by the College Research Council. Prof. N. K. Devaraja gave a talk on 'Some Problems of Indian Logic and Epistemology' in the month of January. About ten research seminars were held in the department during the session 1963-64.

Dr. N. K. Devaraja submitted a paper entitled "Philosophical Facts" to the Indian Philosophical Congress, held at Chandigarh. A paper entitled "A Humanist View of Self and Its Destiny" was published in Indian Philosophy and Culture, the Quarterly Journal of the Vrindaban Oriental Institute. The paper was later included in the book entitled, "Jivatma, Theories of the Finite Self" published by the same Institute. Another paper entitled "Indian Conceptions of Saintly Virtues" was published in Bharati, March, 1964. Dr. Devaraja has recently published a book of over 300 pages on "The Mind and Spirit of India". Dr. R. S. Misra has contributed four Biographies to the "Lives of Religious Leaders" which has been recently published by the University. Dr. N. K. Devaraja and Dr. R. S. Misra also participated in a four-day Seminar which was organised by the College of Indology during the session to discuss two papers on the Traditional Values in Indian Life and the Traditional Values in American Life.

TEACHERS' TRAINING COLLEGE

Number of students in each course:

B.Ed.	125
M.Ed.	13
Ph.D.	9

Number of Staff

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3
Lecturers	12	12
Instructors	5	5

New appointments during the year with their dates of joining duties:

Name of Instructor	*Date of joining the post*
Sri Shyama Das Chatterjee	26th August, 1963
Miss Kala Kaul	7th Sept., 1963

Changes in the courses, syllabus etc.:

The following changes were adopted by the Meeting of the Board of Studies of this College and approved by the Executive Council vide Resolution No. 389(7) (M) dated 22nd February, 1964:

1. The Physical Education, Economics, Book Craft, Commerce and Domestic Science be included in B.Ed. Methods of Teaching, Paper III, and the syllabi of these subjects be approved.
2. The Book Craft Special be included in the B.Ed course and the syllabus for that subject be approved.
3. The amendments to the syllabus of Adult (Social Education, Special Paper in B.Ed., be approved.)
4. The vocational and Educational Guidance be included as one of the special subjects in B.Ed. course.
5. The book "Teaching of Home Science in Secondary Schools" by Rajammal P. Devadas be included in the list of recommended books for Domestic Science special Paper.

6. The "Objective Type of Tests" be added to the existing courses in English at the end in Methods of Teaching Paper III in B.Ed. Examination.

7. The amendments to the syllabus of English Special Paper in B.Ed. be approved.

8. The "Abnormal and Social Psychology" in B.Ed. be substituted by "Abnormal Psychology and Mental Hygiene" and the syllabi of the former be deleted. The syllabus of "Abnormal Psychology and Mental Hygiene" be approved.

9. In the distribution of marks in B.Ed. Special subjects i.e. Hindi, Sanskrit, English, History, Geography, Mathematics, Science and Domestic Science, 100 marks for Practical be added.

10. The amendments to the syllabus for Paper I (Educational Philosophy and theory) of M.Ed., be approved and brought into effect from the examination of 1965.

11. The 'Technique of Research' in Education and Educational Statistics in M.Ed. course be included as one of the optional subjects in Paper V, and the syllabus therefor be approved.

12. The minimum pass marks in the special subjects of B.Ed. Examination be as follows for the examination, 1965.

	Marks	
(*a*) Theory Paper	100	Minimum pass marks 45%
(*b*) Sessional Work	100	in the aggregate
(*c*) Practical	100	Minimum pass marks 45%

13. Since there are already Viva-Voce and practicals in the B.Ed. and M.Ed. courses, no additional Viva-Voce Examination be introduced in these courses.

14. The Sessional marks be added to the theory marks and be considered like one of the theory papers in matters of passing or failing with Theory (i.e. if a candidate obtains less than 35% but 25% or over marks in only one of the theory papers or in sessional (internal grading) but obtains aggregate of 35% marks, he will be deemed to have passed the Theory Examination).

15. The following minimum marks for declaring division be prescribed in theory and practical in B.Ed. and M.Ed. examinations

60% and above	I class
45% and above	II class
35% and above	III class

For a candidate to pass in Theory and Practice, he must obtain 35% or above in aggregate as well as in individual theory papers or sessional (internal grading) provided that if a candidate obtains 25% or above in one paper only be in sessional only, but 35% in the aggregate, he will be declared successful

Research work and publications :

The following papers were published by the respective teachers during 1963-64 –

1. Mr. R. K. Yadav	The Problem of Scripts in India. 'Prajna' Vol. IX(I), October, 1963 Page 142 148
2. Mr. P. C. Choudhuri	Some tension in Adolescent mind 'Prajna' Vol IX(I) October, 1963 Page 111-115
3. Mr. R. P. Shukla	Education in Belgium. 'Prajna' Vol. IX(2) March, 1964. Page 279-281.

Research work :

Research work is done by the teachers and students of the College. The topics of Research of the different teachers and students are as follows.

1. A study of parent-child relationship with special reference to adolescent girls.
2. Education and National Integration in India.
3. Construction and standardization of a Mechanical Comprehension Test.
4. Trends in the development of Art Education in India.
5. The Froebelian philosophy and its application of solving problems of Indian Education.

6. The causes of deterioration in academic performances of pupils in Intermediate Classes.
7. An enquiry into the place of religion in Education in the light of modern thoughts with special reference to the thoughts of Swami Vivekanand and Shri Aurobindo Ghosh.
8. A study of the Educational Philosophy of Bertrand Russel.
9. A study of the self concept of a group of children.
10. Leadership among children.

Distinguished Visitors :

1. Mr. Gunar Alfred Johnson, a Swedish Educationist paid a visit to the College. He described the salient features of the educational system in Sweden.
2. Kumari Adarsh Bala Gajri one of our old students from East Africa visited the College in November, 1963.
3. Mr. J. E. Dawson of the British Council visited the college and conducted a seminar on the teaching of English.

Mr. Achyut Patwardhan presided over the Annual function of the college in the month of March, 1964.

Sports and Games :

The college participated in all the Inter-College tournaments organised by the Banaras Hindu University in football, Hockey and Volley-ball.

A 10 day Scout-Masters' and Guide Training Camp was held this year at Rajghat.

Social and Extra-curricular activities :

A social and cultural function was attended by a Swedish Educationist. The educational system of Sweden was freely discussed by the members of the staff and students.

A seminar on the teaching of English was held in the 2nd week of December, 1963 under the chairmanship of Mr. J. E. Dawson, a member of the British Council, New Delhi. About 80 teachers from all educational institutions participated. The

demonstration lessons illustrating the structural approach given by Mr. Dawson was very valuable.

An Inter College English debate was held in Banaras Hindu University in which Miss S. Chandrakanta and Mr. P. K. Khasnavis, who represented the college, won the 1st and 2nd prizes and annexed the trophy for the college

The College Annual function was held on 30th March, 1964. Mr. Achyut Patwardhan was the chief guest and the Pro Vice-Chancellor was the Chairman of the function A light programme of music and song was held. The chief guest stressed upon the educational and social problems which face India to day.

A Kavi Sammelan in Hindi was organised by the students of this college in which all the distinguished local poets of Hindi participated. Pt. Shyam Narain Pandey presided over the function.

Two workshops organised under the auspices of the National Council of Educational Research and Training, were held in the college during March, 1964. One was in connection with the determination of linguistic abilities of scholars in Hindi from classes VI to VIII. Participants came from Rajasthan, Madhya Pradesh, Delhi, Uttar Pradesh and Bihar. Principal Dr. P. Razdan acted as the Hony. Director and Pt. Ramapati Shukla as Research Personel of the workshop. The other workshop discussed the preparation of Science syllabus for Higher Secondary Schools.

FACULTY OF SCIENCE

COLLEGE OF SCIENCE

Department of Physics

Number of students in each course :

P.U.C.	339
B.Sc. Part I	192
B Sc. Part II	175
B.Sc. Part III	111
M.Sc. Previous	29
M.Sc. Final	27

Number of Staff :

	Sanctioned Strength	Actual Strength
Professor	1	1
Readers	7	7
Lecturers, etc.	18	18

Changes in the Staff :

Few temp. appointments were made.

Research work and publications :

The following papers were published from this laboratory during the current session 1963-64 :

1. P. Krishna and A. R. Verma "A novel determination of the structure of an anomalous polytype of Silicon Carbide" Acta Crystallographical Vol. 17 (1964- p. 51-58).
2. P. Krishna and A. R. Verma "A unique transformation of structure in Silicon Carbide". Indian Journal of Pure and Applied Physics. Aug. 1963
3. P. Krishna and A. R. Verma "Anomalies in Silicon Carbide polytypes". Proceedings of the Royal Society (London). Vol 272 (1963) p. 490 to 502
4. A. R. Verma and P. Krishna "Dialocations and Polytypism in Silicon Carbide." Journal of Scientific and Industrial Research of India, Vol. 22 (1963), p. 283.
5. P. Krishna and A. R. Verma "X-ray investigation of long-period structures of Silicon Carbide and their growth from imperfections". Crystallography and Crystal perfection. Academic Press ,London (1963).
6. O. N. Srivastava and A. R. Verma "Studies on a new Polytype of Cadmium Iodide 28 H". Acta. Cryst. 1964 (In press).
7. O. N. Srivastava and A. R. Verma "Anomalies in Polytypic structures". Investigation on Cadmium Iodide crystals, communicated to Roy. Soc. for publication.
8. O. N. Srivastava and A. R. Verma "Curious Cadmium Iodide structure" was read at Solid State Physics symposium at Chandigarh.

9. G. Singh and A. R. Verma "Structure and growth of a new Poly type of Sic. 105 R". Acta Cryst. 1964. (In press)

10. Direct determination of angular distribution from magn [illegible]

11. B. Dayal and P. L. Srivastava "Phonan Spectrum of Sodium etc Proc. Royal Coc. A. (in press).

12. B. Dayal and R. S. Srivastava "Phonan interaction in potassium" Prog. of Thear. Physics of Japan (In Press)

13. Datta and Dayal "Lattice Constants and Thermal expansion of Au." Physics Status Solidi 3. 473. (1963).

14.(a)Datta and Dayal "Lattice Constants and Thermal expansion of Au. "Physics status Solidi 3. 473. (1963)

14. Datta and Dayal "Lattice Constants etc. of Pd. and W." Physics Status Solidi 3. 2253, 1963.

15. Datta and Dayal "Lattice Constants etc. of Ag. Cl." Physics Status Solidi (Communicated).

16 Pandey and Dayal "Brudhum—Fourth equation of State of Metals" Physica Status Solidi (Communicated).

17. P. L. Srivastava and R. S. Srivastava "Electrostatic coupling coefficients of body centered cnetri crystals." P.W.C. Physical Src. 62 304, 1963.

18. Sharan and Datta "Atomic coordinates of Al PO_4" Acta Cryst. (in press).

19. Dendritic Growth of Tin Crystals from Solution" Shri B. Prasad and Dr. R. S. Sharma. Sent to Indian Science Congress Association (1962-63)

20. "Calculation of the Atomic Scattering factor of the atom with the help of sex term Hylleraas Wave function" by M. L. Rustgi M-M-Sh and A. N. Tripathi published in Acta Cryst. 16, 926 (1963).

21. Nuclear magnetic shielding constants and X-ray scattering factors—M. L. Rustgi and P. Tiwari. Journal of Chem. Phys. 39, 2590, (1963)

22. Atomic scattering factor of Helium like system from analytic Hartree fock wave functions. P. Tiwari and M. L. Rustgi, Acta. Cryst. (In press).

23. Stability of Octupole deformation in medium mass nuclii. by M. L. Rustgi and S. N. Mukherji., Phys. 131, Sept. 15. (1963) p. 2615

24. Scructure of even nuclii. by M. L. Rustgi and S. N. Mukherji. Phys. Rev. (To be published).

Papers published after July 1963 :

25. —circular polarization correlation of Sc. 46 and chemical form of the source. Nuclear Physics, 45, 529-554 (1963).

26. The spins of Pn 144 from—correlation measurements, Physics letters, 5,329-331 (1963).

Research Scholarships :

C.S.I.R. Senior Research fellowship	4
C.S.I.R. Junior Research fellowship	6
Research Training Scholarship	6

Distinguished visitors

The following eminent scientists from foreign countries visited the department of Physics this year and delivered lectures under the auspices of the Physical Society :

1. Dr. A. L. Mackay of University of London was here for about a fortnight and delivered a series of lectures on Electron Microscope Techniques.

2. Prof. I. S. Zhuldeo of the Institute of Crystallography, Moscow, USSR, gave two lectures on the Ferro electric materials and their studies.,

3. Sir Lawrance Braag, F.R.S., Nobel laureate, Director of the Imperial Institute of Science, U.K., was a guest of our department for three days. He gave two popular lectures :

   (1) On Nature of things and

   (2) On the difference between living and non-living matter.

4. Prof. H. Lipson F.R.S. (U.K.) visited our laboratory in the month of Feb. '64. He gave two lectures in the Physical Society on X-ray Spectroscopy.

5. Dr. R. Koniaiah of Tata Institute of Fundamental Research, Bombay, gave a series of lectures on Nuclear Models or Nuclear Reaction during his one month

stay here, on the invitation of the University in the month of November 1963.

6. Dr. Alibone F.R.S. of U.K. delivered Rutherford lecture on 16-2-64.

DEPARTMENT OF SPECTROSCOPY

Number of students in each course :

M.Sc. Previous,	14
M.Sc. Final	7
Post Graduate Diploma Course in Spectroscopy	7

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Reader	1	1
Lecturers	3	3

Changes in the Staff :

Dr. R. N. Singh was appointed as Lecturer in place of Shri C. M. Pathak.

New appointments during the year with their dates of joining duties :

1. Dr. I. S. Singh joined on 8th Aug., 1963.
2. Dr. R. N. Singh joined on 7th Oct., 1963.

Research work and publications :

Department of Spectroscopy aims at the research in molecular spectra. In the laboratory nearly 12 students and 5 staff members are engaged in research work. The work done during 1963-64 is summarized below :—

Shri S. P. Singh studied emission spectra of PbF molecule using a Higher quarts spectrograph. A new electronic level in the molecule was verified experimently. He submitted his thesis entitled 'On the emission spectra of some lead and Bismuth halids' for [illegible] in Spectroscopy in April 1964.

Shri R. B. Singh studied Emission spectra of SbO molecule. He will be completing rotational analysis of the D system of SbO. He did theoretical work on PO molecule on rotational energy curves. A paper on this topic has been sent for publication. He read a paper on the construction of the 35 ft. grating spectrograph in the C.S.I.R. symposium held at Banaras Hindu University. A paper on 'A new grating spectrograph' is under publication. He is doing theoretical calculations on transition probabilities of bands of diatomic molecules.

Shri Onkar Nath Singh and Shri K. M. Lal both joined this year. Sri Singh is doing work on NaO. Shri K. M. Lal is doing work on SrI and NiO molecules. Dr. K. N. Upadhya photographed ultraviolet bands of BiF molecule. He plans to study the rotational structure of BiF molecule. Dr. I. S. Singh and M. P. Srivastava have prepared a D. C. High Voltage power supply for hollow Cathode Source and are planning to study the spectra of ionised molecules.

Spectra of Polyatomic Molecules

Shri D. P. Jyal has studied electronic spectra of o-chlorobenzaldehyde. A paper over 'On the emission spectra of o-chlorobenzaldehyde' is under preparation. Similarly Shri P. K. Verma is also preparing a paper on 'Absorption spectra of O-toludine vapour'.

Shri M. G. Jayswal and Dr. R. S. singh studied the emission spectra of p-benzoquinone. A short note over this work was presented at the C.S.I.R. Physics Conference in Nov., 1963. A paper over the topic 'Visible Emission Spectrum of p-benzoquinone' has been sent for publication in Indian Journal of pure and applied sciences.

Shri R. D. Singh studied the vapour absorption spectra of Napthols and Napthlylamines. He is preparing a paper on 'Electronics spectra of substituted Napthalenes'.

Shri G. N. Joshi studied electronic spectrum of P-bromotoluene and 0-bromotoluene. Work on p-fluorotoluene and e-fluorotoluene have also been completed by him.

Shri S. K. Tiwari will be writing his thesis on electronic spectra of o, m, p-fluorophenols and fluorea-niline. Shri J. N. Rai is trying to understand the mechanism of dissociation of p-fluoro-aniline molecule.

Infrared Spectroscopy

Dr. I. S. Singh and Dr. R. N. Singh with Vijai Bahadur Singh and Vijai Nath Sharma have calibrated the Perkin-Elner Model 13 U Infrared spectrophotometer and have taken Infrared absorption spectra of some substituted benzenes. The spectra are being analyzed.

Research Scholarships :

C.S.I.R. Fellowships	7
Consolidated scheme	3
Govt. of India	2

Distinguished visitors :

1. Prof. Sir Lawrence Bragg, N. L. England
2. Dr F. A. Alt, Coordinator, P L. 480 Programmes, National Bureau of Standards, Washington, D.C., U.S.A

DEPARTMENT OF CHEMISTRY

Number of Students in each course :

P.U.C.		343
B.Sc.		
Part I	155	
Part II	198	478
Part III	125	
M.Sc.		
(Previous)	34	69
(Final)	35	
Ph.D. (Research)		45

Number of Staff :

	Sanctioned Strength	*Actual Strength*
Professor	1	1
Readers	12	12
Lecturers	20	17
Microanalyst	1	1

Changes in the staff :

(i) Dr. K. P. Singh who had been appointed lecturer under III five year plan, resigned with effect from 24-11-63 to take up post-doctoral & teaching work in Canada.

(ii) Dr. K. C. Mathur & Sri Sujan Singh who were working as temporary lecturers resigned with effect from 28-7-63 & 10-8-63 respectively to take up appointments as lecturers at Jodhpur University and Punjabi University.

(iii) The following were working as lecturers in temporary capacity :

Sarwashri (1) V. N. Singh, (2) B. N. Vohra, (3) S. P. Misra, (4) Kanwal Nain, (5) P.V. S. S. Sharma.

New appointment with date of joining duty :

Dr. G. R. Phansalkar was appointed Reader in inorganic chemistry. He joined his duties with effect from 2nd January, 1964.

Changes in the courses & Syllabi :

New M.Sc. syllabus came into effect from July, 1963.

Research work & publications :

(i) There has been increased research activity in the Department. About fiftythree publications covering the research work carried out by the students and staff of this department have been brought out. These are published in well-recognised national and international journals. A list of these is given below :

Dr. Sarju Prasad :

1. Chemistry of Cerium Part I—An electrometric study on the quantitative precipitation of Ce III as a normal selemite by Sarju Prasad and Suresh Kumar, J.I.C.S., 1963, *40*, 445.

2. Chemistry of Cerium Part II—Conductometric determination of Ce III as normal tellurite by Sarju Prasad and Suresh Kumar. J. & Proc. Inst. Chem., 1963, *30*, 4.

3. Chemistry of thorium Part IV, Interaction of Th(IV) chloride and some phenols and nitrophenols by Sarju Prasad and Suresh Kumar J.I.C S. 1963, *40*, 531.

4 Chemistry of Thorium Part V, An electrometric study on the quantitative precipitation of thorium as a normal tellurite by Sarju Prasad and Suresh Kumar. J.I.C.S., 1963, *40*, 534.

Studies on the formation of Amino-derivatives of aluminium chloride by Sarju Prasad and Lallan Prasad Pandey. J. & Proc. Inst. Chem

5. Studies on the formation of double bromides of antimony with other metals bromides by Sarju Prasad and Lallan Prasad Pandey. J.I.C.S.

7 Studies on the formation of complex compounds of Antimony trichloride with substituted phenols by Sarju Prasad and Keshwa Chandra Pathak. Z. anorg Und. allge. Chem.

8. Studies on the formation of complex compounds of Mercuric chloride with amines and phenols by Sarju Prasad and Virendra Nath Garg. Z. Anorg Und. allge. Chem.

9. Amino-derivatives of $ZrBr_4$ part II by Sarju Prasad and Miss Momota Biswas. National Academy of Sciences (India).

10. Compounds of $ZrBr_4$ with nitroanilines, aminophenols, aminobenzole acids, amides, anilides etc. by Sarju Prasad and Miss K. Shyamala Devi. National academy of Sciences (India).

11. Conductometric Detn. of Ce^{-3} as Metavanadale communicated to X. anal. chem by S. Prasad and R.C.S.

12. Electrometric Detn. of Th (1) as Meta-vanadate. X. J. Proc. Inst. Chem. 35, 307, (1963) by S. Prasad and R.C S.

Dr. P. N. Bhargava :

13. Aryl-N —benzothiazolylguanidines, Part I, P. N. Bhargava and K. Shyamala Devi, J. Ind. Chem. Soc., *40*, 868 (1963).

Dr. R. H. Sahasrabudhey :

14. Synthesis of 2-aryl-3-arylimino-5-imino-1, 2, 4-thiadiazolidines by C. P. Joshua & V. K. Verma. (In press).

15. Oxidation of certain 1. 3-diaryl-and alkylaryl thiocarbamides: Formation of related bis-(polysubstituted formamidine)-di-and monosulphide (salts) and amidinothiocarbamides. Indian J. Chem., 1963, 1, 354. by P. K. Srivastava.

16. Mechanism of oxidation of thiocarbamides: 1-methyl-3-phenylthiocarbamide. Indian J. Chem. 1963, 1, 432. by P. K. Srivastava.

17. Mechanism of oxidation of thiocarbamides 1-benzylthiocarbamide. J. Indian Chem. Soc., 1963, *40*, 803. by P. K. Srivastava.

18. Mechanism of oxidation of thiocarbamides: 1-substituted and 1. 3-disubstituted alkylthiocarbamides. Indian J. Chem., 1964 by P. K. Srivastava (In press).

19. Interaction of phenyl and p-chloro-phenyl cyanamides with thiocarbamides: Formation of the related bis-formamidine sulphide and Amidinothiocarbamide (salts) Indian J. Chem., 1963. *1*, 525. by S. N. Pandeya.

20. Interaction of Benzoylisothiocyanate and Primary and Secondary Amines: Formation of the related benzoylthiocarbamides and thiocarbamides. J. Indian Chem. Soc., 1963. *40*, 953 by G. V. Nair.

21. Interaction of Potassium ethyl-xanthate with Aromatic Primary Amines: A new method for the Preparation of 1, 3-Diarylthiocarbamides. Indian J. Chem., 1963, *1*, 395. by P. A. Arvindakshan, Miss A. Bhramramba, G. V. Nair & C. N. V. Nambury.

22. Analytical chemistry of thiocarbamides I: Quantitative determination of thioureas. Z. Anal. Chem., 1963, *196*, 412. by Prakash Chandra Gupta.

23. The determination of N-substituted aromatic thioureas. The Analyst., 1963, 88, 896. by P. C. Gupta.

Dr. G. S. Deshmukh :

24. Amperometric determination of nitrite with chloramine T. Ind. J. Chem., Vol. 1 *No. 7*, 316 (1963).

25. Polarography of divalent manganese in sodium formate. Z. Anal. Chem., *196*, 183, (1963).
26. Amperometric determination of divalent tin with dichromate. *ibid.*, 198, 328, (1963).
27. New reagents for cobalt. J fur praktische chemie., *22*, 98, (1963).
28. Amperometric determinations of metals with chloramine T. Bull Chem Soc. (Japan) *36*, 1599 (1963).
29. Studies in the two phase system Sodium formate-pyridine Extraction of copper and analysis of copper pyrites. Z. anorg. chem., *324*, 308 (1963).
30. Polarographic determination of divalent tin in sodium formate. Bull Chem. Soc, (Japan) (Communicated).

Dr. D. Singh:

31. Potentiometric Alkali-Acidimetric determination of SH groups. The Journal of Scientific Research, B.H.U. Vol. XIV(1) 19-24 (1963-64) by D. Singh and Miss Asha Varma.
32. Amperometric Mercurimetric determination of Sulfhydryl groups at Rotated Mercury Pool Electrode. *ibid.*, Vol. XIV(1), 33-38 (1963-64) by D. Singh and Miss Asha Varma.
33. Amperometric Mercurimetric Determination of Sulfhydryl groups with Two Mercury Pool Indicator Electrodes *ibid*,. Vol. XIV(1) 39-43, (1963-64) by D. Singh and Miss Asha Varma.
34. Determination of Zirconium and Titanium ibid., Vol XIV(1) 44-51, (1963-64) by D. Singh and Miss Asha Varma.

Dr. B. M. Shukla:

35. Some studies of Secondary Reactions of Reevil Br-82 atoms under (n, r) process. Symposium on Nuclear & Radiation Chem., 1964 by B. M. Shukla and S. P. Mishra.
36. Tracer studies of diffusion and self diffusion of I-131 and Co-60 in agar-agar gel. Symposium on Nuclear & Radiation Chem., 1964. By Shukla, B. nd Si N.

37. Studies of electromigration and electrodiffusion of labelled cadmium ion in agar-agar gel. Symposium on Nuclear & Radiation chem., 1964 by Shukla, R. P. & Gupta, R.P.

Dr. S. R. Mohanty :

38. Influence of crystal defects on the Annealing of Chemical Radiation Damage. Nature 199, 169 (1963). by S.R. Mohanty and S. R. Upadhyay.

39. Annealing of Chemical Radiation Damage by Crushing and Compression. Indian J. Chem. *1*, 456 (1963). S. R. Mohanty and S. R. Upadhyay.

40. Annealing of Chemical Radiation Damage by Compression. Nature 201, 921 (1964). S. R. Mohanty & S. R. Upadhyay.

41. Extraction of Thorium from Hydrochloric Acid Solutions by Di-n- pentyl Sulphoxide. Naturwiss. 50, 614 (1963). P. K. Gour and S. R. Mohanty.

42. Evaluation of separation procedures for chromium (III) and chromium (VI): Preparation of Radiochromium (chromium-51) of High specific Activity. J. Scie. Res. B.H.U. 14 (1), 122 (1963-64), M. Khare and S.. R. M hanty.

43. Thermal Decomposition of Irradiated Manganese Carbonate. Symposium on Nuclear and Radiation Chemistry, Bombay, 1964. S. R. Mohanty and M.N. Ray.

44. The role of crystal Transformation in the Annealing of Irradiation Damage. Symposium on Nuclear and Radiation Chemistry, Bombay, 1964. S. R. Mohanty and S. R. Upadhyay.

Dr. O. P. Malhotra :

45. Hydrolytic Enzymes of Mammaliam Intestines I. Distribution of hydrolytic Enzymes in the goat and pig intestines. Indian of Med. Res. *52*, 68-74, (1964). O. P. Malhotra & George Philip.

Dr. R. J. Galgali :

46. Thermionic Analogue of Joshi Effect. Brit. J. Appl. Phys., 1963. *14*, 158.

47. Thermionic Analogue of Joshi Effect in Maze type counter in Argon. J. Phys. Soc. (Japan), 1963. 18, 825.

48. Carona pressure ($\triangle$p) and Thermionic Analogue of Joshi Effect ($\triangle$i) in hydgrogen in a semi-ozoniser. Czech J. Phys., 1963, *13*, 692.

Dr. M. G. Bapat :

49. Determination of Ascorgic Acid by iodate using iodine cyanide end point. Indirect determination of vanadium and colorimetric determination of Ascorbic acid. Z. anal. Chem. 367, *199*, (1963).

Dr. S. M. Verma :

50. Optical Activity and Absorption Spectra of *o, m* & *p* Phenylene bis (D-Camphor-B-sulphonates) Ind. J. Chem. 1 (1963), 340.

51. Stereochemical studies on camphor-B-sulphonyl-(*o,m* & *p*) carboxyl phenyl amides (*d* & *dl*) Jour. of Scientific Research, B.H.U., *14(I)*, (1963-64), 158.

Dr. P. K. Tikoo :

52. "Influence of tube walls on the starting Potentials in Iodine Vapour". Phys. Letts., March 1, 1963, p. 21.

53. "Influence of tube walls on the starting Potentials in Iodine Vapour". Phys. Letts, June 1, 1964.

(ii) Ten students were admitted to the Ph.D. degree on acceptance of their thesis.

Research Scholarships :

The Department had as many as 48 postgraduate & research scholarships/fellowships sponsored by different agencies. Particulars are as follows :

Research Training Scholarship Scheme (Science), Govt. of India, Ministry of Education.	9
University Grants Commission, junior research fellowships & post-graduate scholarships	4
Council of Scientific & Industrial Research, Senior fellowships.	6
do Junior fellowships	26
Uttar Pradesh Govt. Scientific Research Committee, research assistantship.	1
Atomic Energy Commission Assistantship.	1
I.C.M.R. fellowship.	1
Total	48

Distingusished Visitors :

(i) Prof. A. S. Sadikov, Professor of Chemistry & Rect Tashkent State University, Tashkent, U.S.S.R.

(ii) Prof. M. M. Mirinassivile, Vice-Rector, Tbilisi Sta University, U.S.S.R.

(iii) Prof. S. R. Palit *of the Indian Association for Cultiv tion of Science,* Caldutta.

All the visitors met research students and staff and pa ticipated in symposia & discussions.

General Remarks :

(i) Professor Dr. G. B. Singh participated in the "Intern tional Symposium on the Chemistry of Natural Products" Kyota, Japan as a official National Delegate (12th to 18th Apr 1964).

(ii) Dr. B. M. Shukla attended the Pugwash conference Udaipur.

ORGANIC CHEMISTRY RESEARCH SECTION

Number of students :

Only research students work in this Section— 5

Number of Staff :

There is only one Reader in this Section.

Research Work and Publications :

Two students (Sri V. K. Verma & C. P. Joshua) were award Ph.D.

Main topics of research (1963-64)

Organic Chemistry of Nitrogen and Sulphur compoun in general with special reference to the following :—

1. Chemistry of thiocarbamides and related oxidati products : Disulphides, monosulphides and amidin thiocarbamides and related thiadiazolidines and benz thiazoles.
2. Thiocarbamylation.
3. Condensation of cyanamides with thioureas and ure as a means of synthesis of amidino derivatives.
4. Structure and synthesis of Heterocyclic compoun containing two nitrogens and one sulphur and tw sulphurs and one nitrogen. Their dynamic relationshi

RESEARCH PAPERS PUBLISHED BY THE STUDENTS WORKING UNDER DR. R. H. SAHASRABUDHEY DURING 1963-64.

1. *C. P. Joshua & V. K. Verma:* Synthesis of 2-aryl-3-arylimino-5-imino-1, 2, 4-thiadiazolidines. (In press).
2. *P. K. Srivastava.* Oxidation of certain 1, 3-diaryl- and alkylaryl thiocarbamides: Formation of related bis-(polysubstituted formamidine)-di-and monosulphide (salts) and amidinothiocarbamides. *Indian J. Chem.*, 1963, *1*, 354.
3. *P. K. Srivastava:* Mechanism of oxidation of thiocarbamides: 1-methyl-3-phenylthiocarbamide. *Indian J. Chem.* 1963, *1*, 432.
4. *P. K. Srivastava & Y. Ramchandra Rao.* Mechanism of oxidation of thiocarbamides 1-benzylthiocarbamide. *J. Indian Chem. Soc*, 1963, *40*, 803.
5. *P. K. Srivastava:* Mechanism of oxidation of thiocarbamides: 1-substituted and 1, 3-disubstituted alkylthiocarbamides. Indian J. Chem., 1964. (In press)
6. *S. N. Pandeya:* Interaction of phenyl and p-chlorophenyl cyanamides with thiocarbamides· Formation of the related bis-formamidine sulphide and Amidinothiocarbamide (salts). *Indian J. Chem.*, 1963, *1*, 525
7. *G. V. Nair:* Interaction of Benzylisothiocyanate and Primary and Secondary Amines. Formation of the related benzoylthiocarbamides and thiocarbamides. *J. Indian Chem. Soc.*, 1963, *40*, 953.
8. *P. A. Arvindakshan, Miss A. Bharmramba, G. V. Nair & C. N. V. Nambury:* Interaction of Potassium ethylxanthate with Aromatic Primary Amines: A new method for the Preparation of 1, 3-Diarylthiocarbamides. *Indian. J. Chem.* 1963, *1*, 395.
9. *Prakash Chandra Gupta:* Analytical chemistry of thiocarbamides I: Quantitative determination of thioureas *Z. Anal. Chem.*, 1963, *196*, 412.
10. *Prakash Chandra Gupta:* The determination of N-substituted Aromatic thioureas. The *Analyst.* 1963, *88*, 896.

Research Scholarships :

Two Research Training Scholarships (Ministry of Scientific Research & Cultural Affairs) of Rs. 250/- p.m.

Two Junior Research fellowships of the C.S.I.R. of Rs. 250/- p.m.

One Research Assistant (equivalent to Junior Research fellowship) in a C.S.I.R. research scheme of Rs. 250/- p.m.

DEPARTMENT OF BOTANY

Number of students in each course :

P.U.C.	81
B.Sc. Part I	24
B.Sc. Part II	90
B.Sc. Part III	52
M.Sc. (Previous)	27
M.Sc. (Final)	24
Research Scholars	26

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	6	6
Lecturers	9	9 (1 from Kamaccha)

Changes in the Staff :

One Lecturer Dr. R. Y. Roy was appointed Reader under Upgrading Scheme.

New appointments during the year with their dates of joining duties:

1. Dr. H. R. Sant, Dr. C. S. Singh and Dr. K. G. Mukherjee were appointed as temporary Lecturers with effect from 9th July, 1963 and Shri R. S. Tripathi was appointed (Temp. Lecturer) with effect from 13th September, 1963.

2. Dr. R. S. Ambasht joined as temporary lecturer from 9-7-63.

Changes in the course, syllabus, etc.:

No changes were made in the course and syllabuses of the P.U.C. and B.Sc. Three Year Degree classes. In the Post-graduate classes following changes were made:

M.Sc. Previous and Final

The contents of the three theory papers were detailed and specified.

Research work and Publications:

Prof. R. Misra, Dr. K. C. Misra, Dr. S. S. Ramam and others are engaged in research work on ecological problems pertaining to higher plants, ecology of weed invasion in crop fields, xeromorphology, drought susceptibility and cyteocology.

Dr. R. N. Singh, Dr. Y. S. R. K. Sarma, Dr. J. N. Misra, Dr. C. S. P. Rao, Dr. E. R. S. Talpasayi and others are engaged in various research work pertaining to ecology, morphology, cytology and physiology of Algae.

Dr. R. Y. Roy, Dr. R. S. Dwivedi and others are carrying on research in Mycology and plant pathology.

Shri P. Sreenivasa Rao, Senior Scientific Assistant, Central Salt & Marine Chemicals, Research Institute, Bhavnagar-2, received three months' training in Algology.

Dr. V. Kaul, M.Sc., Ph.D. Post-graduate Department of Botany, University of Jammu and Kashmir, visited the Department in connection with his research work in ecology from 25-1-1964 to 24-2-1964.

Papers Published:

Ambasht, R. S.	Ecological problems in the tropics—erosion in relation to vegetation in two areas of Varanasi. Proc. Nat. Acad. Sci. (India), *33*,: 158-162, 1963.
Chowdary, Y. B. K.	On the cytology and systematic position of *Physolinum Nmonitia* Printz. The Nucleus *6* (1): 43:48, 1963.

Khanna, P. K. — Additions to the fungi of India. Curr. Sci. *32*, : 175-176, 1963.

Misra, R. — The science of vegetation with reference to India. Bull. Not. Surv. India *4*, : 113-118, 1962.

Misra, R. — Problems of adaptation amongst herbaceous plants of the tropics. Proc. Nat. Acad. Sci. India. *33*, 1963.

Misra, R. R. — A new record of ascigerous mould from India. Curr. Sci. *32* : 177-178, 1963.

Ramam, S. S. — Ecological perspective on grasslands. Proc. Nat. Acad. Sci. *33*: 1963.

Sant, H.R. — Effect of grazing on the general herb age of Banaras Hindu University grounds and a study of seed character and reproductive capacity of four weeds. Proc. Nat. Acad. Sci. *33*.: 1963.

Sarma, Y. S. R. K. — On collection of algae from Rael 'Tal' of district of Varanasi. J. Sci. Res., B.H.U. *13* : 382-92, 1962-63.

Morphological notes on some members of Ulotrichales. Ibid. *13* : 393-98, 1962-63.

Contributions to the Karyology of Ulotrichales-I, *Ulothrix.* Phycologia *2*, 173-183, 1963.

Contributions to the Karyology of Ulothrichales II, Microsfora—The Nucleus. *16* : 173-183, 1963.

Talpasayi, E. R. S. — Nitrogen fixation by photosynthetic organisms in recent advances in biochemistry. Proc. Summer School in biochemistry, Srinagar. Ind. Institute of Science, Bangalore, Page 352-356.

Polyphosphate containing particles of blue-green algae. Cytologia. *28*: 78-80.

Research scholarships.

Twentysix scholars have been working on ecological, algological and mycological problems:

(*a*) Govt. of India Scientific Research Training scholarships:

1. Shri K. P. Singh
2. Shri C. K. Varshney
3. Shri S. M. Mukherjee
4. Shri P. K. Khanna
5. Shri Raja Ram Misra
6. Shri J. S. Singh
7. Shri S. B. Pandey

(*b*) U.G.C. Post -graduate and Research Scholarships:

1. Shri Radhey Shyam Tripathi (Worked under the scheme upto 12th September, 1963).
2. Smt. I. K. Vishwanathan.

(*c*) U.P. Government Scientific Research Assistantship:
Km. Rebecca Sinha

(*d*) C. S. I. R. Senior Research Fellowship:
Dr. H. N. Singh (with effect from 26-9-1963)

(*e*) C.S.I.R. Junior Research Fellowship:

1. Shri A. P. Dikshit
2. Km. Savitri Gujarati
3. Shri S. B. Sullia
4. Shri S. P. Singh
5. Shri B. S. Srivastava
6. Shri M. L. Hakoo (Koul)

(*f*) Post-graduate Institute of Indian Medicine Research Scholarships:

1. Shri A. K. Srivastava
2. Km. Rajyashri Biswas

3. Km. Manjula Devi Verma
4. Km. Asha Bhardwaj
5. Shri J. D. Sah
6. Shri M. M. Srivastava
7. Shri P. N. Singh

(*g*) *Other Research Scholars :*

1. Km. Manjulika Das
2. Shri C. C. Rao
3. Shri Mahamood Khan

The following persons were awarded the Ph.D. Degree in Botany on their thesis entitled :

1. Shri H. N. Singh—"Naturem and occurrence of the different Nitrogen fixing species of blue-green Algae in the rice fields of South Bihar (*Kulharia*) and their identification."
2. Shri R. S. Ambasht—"Root habits in response to erosion, silting and inundation."
3. Shri V. G. Nalivigi—"Reproductive capacity of forbs of grazing grounds of Varanasi."
4. Shri K. Subbaramaiah—"Refractrometry of leaving cells of Algae."

Distinguished visitors :

1. Dr. G. N. Pathak, Economic Botanist to the U.P. Govt., addressed the members of the Botanical Society, in its inaugural function held on 28-9-1963.

2. Prof. P. Maheshwari, D.Sc., F.N.I., Head of the Department of Botany, Delhi University, addressed the members of the B.H.U. Botanical Society on "Plants and Human system" on 22-1-1964.

3. Prof. H. Tamiya, Director, the Todugava Institute for Biological research, Tokyo, Japan, delivered a lecture on "Life cycle of chlorella" on annual day of the B.H.U. Botanical Society held on 6th Feb., 1964.

4. Prof. O. N. Perti, Professor and Head of the Department of Chemistry, D.S.B. Govt. College, Naini Tal, addressed the B.H.U. Botanical Society on 10th February, 1964. He discussed the origin of Life.

5. Dr. (Miss) E. C Margaret Segar of Auckland University, Newzealand, showed some coloured slides of Newzealand vegetation on 25-2-1964.

6. Dr. W. Zeller, Plant Ecologist, Food & Agriculture Organization, Rome, delivered a lecture on "The ecology of locust breeding habitats" on 5-3-64.

Sports and Games :

A cricket match between the research scholars and teachers of the Botany and Zoology Departments was played.

Social and Extra-curricular activities :

Under the auspices of the Botanical Society, B.H.U. seminars, lectures and discussions were held all through the session.

Department of Zoology

Number of students in each Course :

B.Sc. Part I	
B.Sc. Part II	
B.Sc. Part III	
M.Sc. (Previous)	19
M.Sc. (Final)	12
Ph.D.	17

Teaching Staff.

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3
Lecturers	13	13

Changes in the Staff and New appointments during the year with their dates of joining duties :

Dr. G. P. Agarwal and Shri P. D. Tewari were appointed as permanent lecturers from July 9, 1963. Shri T. P. Singh and Shri P. G. Kale joined as temporary lecturers from July 9, 1963.

Dr. P. S. Ramamurty rejoined the Department on February 20, 1964 after obtaining Ph.D. (Zoology) degree from the University of Münster, West Germany.

Research Work and Publications :

(*a*) Active research work is being carried out in Cytogenetics, Endocrinology, Physiology and Biochemistry, Fisheries and Entomology. Fifteen research papers have been published during the year, mostly in foreign Journals.

(*b*) Prof. S. P. Ray-Choudhuri visited the various Cytogenetics Laboratories of Leningrad and Moscow from April 4 to April 23, 1964 on a Cultural Exchange Programme of the University Grants Commission.

Dr. J. P. Thapliyal attended the 12th All India Obstetric and Gynaecology Congress held in Ahmedabad from 12-15th December, 1963.

Dr. J. P. Thapliyal gave lectures to the trainees on Physiology of Reproducton at Delhi University and the All India Institute for Medical Sciences on December 27 and 28, 1963 under the Ford Foundation and Indian Council for Medical Research.

Dr. M. S. Kanungo has been nominated as a member of the Biology Panel of the National Council of Educational Research and training, Ministry of Education to write the Physiology portion of the Biology Text-book for higher secondary students.

Dr. M. S. Kanungo was invited to deliver a lecture on "Cellular basis of temperature adaptation" in the Zoology Department, Delhi University, on Nov. 2, 1963.

Dr. J. S. Datta Munshi and Shri J. P. Chaudhuri were selected to attend the Summer School in Cell Biology held in Otacamund in June, 1964.

Prof. S. P. Ray Chaudhuri was nominated as the Joint Director of the Summer School in Biology for College Teachers held here from June 8 to July 15, 1964. Others who taught in the Summer School were Dr. M. S. Kanungo, Dr. P. V. Ananthakrishnan, Shri T. Sharma and Shri T. P. Singh.

Research Scholarships :

Shri J. P. Chaudhuri Shri A. K. Maity Shri A. P. Jha Shri H. P. Singh Shri R. N. Saxena	Research Training Scholarship.
Shri B. K. Patnaik	Junior Research Scholarship of National Institute of Sciences, India. (Reproductive Physiology)
Shri Sen Pathak	J.R.F (C.S.I.R., Physiology)
Shri P. C. Srivastava Km. S. K. Pandha	J.R.F (C.S.I.R., Cytogenetics)
Shri H. C. Vasistha	Research Scholarship of the Ford Foundation (Reproductive Physiology).
	Research Scholarship of the Ford Foundation (Cytogenetics)

Distinguished Visitors :

Dr. M. C. Niu, Professor of Biology, Temple University, U.S.A., visited the Department on January 28, 1964 and delivered a lecture on "Ribonucleic acid induced changes in cells and embryos".

Dr. E. S. Narayanan, Director, Central Sericulture Research Institute, Mysore, visited the Department in February, 1964 and delivered a lecture on "Causes and origin of insect pest".

Dr. Emil Witschi, Retired Professor of Zoology, Iowa University, U.S.A., visited the Department from February 28, to March 2, 1964.

Dr. (Mrs) M. Murray, Professor of Anatomy, Columbia University Medical College, visited the Department in March and delivered two lectures on her work on Culture of human cells.

Dr. and Mrs. R. K. Meyer, Professor of Zoology, University of Wisconsin, visited the Department on March 28, 1964 and gave an informal talk on "Role of Thymus and Bursa of Fabriciues in antibody formation". They were highly impressed by the quality of work being carried out in the Department.

Sports and Games:

A cricket match was played between the staff and the M.Sc. students in December, 1963.

A friendly cricket match was held between this Department and the Botany Department.

General Remarks:

An X-ray (therapy type) and an Intereference Microscope have been procured from Rockefeller grant.

DEPARTMENT OF GEOLOGY

Number of students in each course:

B.Sc. Part I	77
B.Sc. Part II	129
B.Sc. Part III	91
M.Sc. Previous	18
M.Sc. Final	16
Total ...	331

Number of students of other Departments who studied Geology in this Department:

III Year Integrated Mining	42
IV Year Mining	32
III Year Integrated Met.	65
M.Sc. Previous Geophysics	11
M.Sc. Final Geophysics	11
Total ...	161

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	4	3
Lecturers	13	13

Changes in the Staff:

1. Dr. R. C. Sinha resigned and left the Department to join the post of Tata Professor in Geology at the Patna University, Bihar.

2. Miss Parvati Sharma, temporary lecturer, resigned and left the Department in December, 1963 for higher studies in France.

New Appointment during the year with their dates of joining duties:

(1) Sarv Shri O. S. Gautam, R. S. Sharma & M. S. Srinivasan joined as Lecturers in this Department on 9th July, 1963 under III Five Year Plan.

(2) Shri V. G. Phansalkar joined as Temporary Lecturer in this Department on 14th Dec. 1963

Research Work & Publications:

(1) Shri B. R. K. Das who joined as research student in Nov. '57 submitted his Ph.D. Thesis on "Structure and Metamorphics of the area around Chowkhita Almora" and has been awarded the Ph.D. degree this year.

(2) Shri A. P. Mall who joined as research student in October '61, submitted his thesis on "Geochemistry of Archaeon Rock of Adra, Tulim Track, Manbhum Distt., Bihar and is expected to get his Ph.D. degree very soon.

(3) Shri N.C. Ghosh who joined as research student in October '61, submitted his thesis on "Geochemistry of Archaeon Rocks of Richughuta Distt., Bihar, and is exepcted to get his Ph.D. degree very soon.

(4) Shri S. Vardarajan, Lecturer in Geology, Central College, Bangalore, who joined as research scholar in March 1962, submitted his thesis on "Geology of the Nuggihalli Schist Belt & the associated Chromite & Titaniferous Magnetite Deposits, Hassan Distt., Mysore State" on 31st. January 1964 and is expected to get Ph.D. degree very soon.

(5) Shri Ram Murty Singh, Lecturer in Geology, who joined as research scholar in January 1962, submitted his Ph.D. thesis on the Problem "Study of the behaviour of traceelement during the Diagnosis of the Vindhyan Sediments of Eastern Sone Valley".

(6) Shri A. V. Ulabhajee, Lecturer in Geology of the College of Mining & Metallurgy joined as Research scholar in this Department of 20th August 1963. The problem of his Ph.D. thesis is "Petrochemical study of Thermal Metamorphic Process in Calcarious Sediments occuring around Kodag Area (Bihar)".

(7) Shri B. D. Tiwari, Lecturer in Geology of this Department joined as Research Scholar on 24-3-60. The problem of his thesis was "Geochemistry of the Volcanic Rock of Pawa Garh (Bihar)". He was awarded Ph.D. degree in Dec. 1963.

(8) Shri Lal Ji Agrawal joined as research student for Ph.D. on 27-9-62. The problem of his Ph.D. thesis is Minerology & Petrology of the area around Distt. Siddhi (M.P.) and is expected to submit his thesis very soon.

(9) Shri S. N. Verma, Lecturer in this Department joined as research scholar on 23-12-58. The problem of his Ph.D. thesis is "Geochemistry & Petrogenesis of Nepheline Syenites of Kishan Garh (Bihar).

(10) Shri Arup Deb, Lecturer in Geology, joined as research scholar on 15th. March 1963. The problem of his Ph.D. thesis is "The study of the traceelements in the Pegmatites of Koderma (Bihar)".

(11) Shri K.B. Pawar, Lecturer in Geology, joined as research scholar in January, 1963. The problem of his Ph.D. thesis is "Geology of the area South East of Almora".

(12) Shri V. G. Phansalkar, Lecturer in Geology joined as research scholar in this Department on 29th September, 1962. The problem of his Ph.D. thesis is "Geology of the area around Mukteswar Nainital Distt".

(13) Shri O. S. Gautam lecturer in this Department joined as research scholar on 25th September, 1963. The problem of his Ph.D. thesis is "Geology of Girnar Hill & Adjoining areas, Saurashtra (Gujrat)".

(14) Shri Prakash Chandra Dixit joined as research student on 15th March, 63. The problem of his Ph.D. thesis is "A Study of Geology of the Magnesite deposits and the associated rocks in North Almora, Distt. U.P.".

(15) Shri Vijaya Kumar Gairola joined as research scholar in this Department The problem of his Ph D. thesis is "Geology of Kausani area Distt. Almora, U.P."

(16) Shri Arun Kumar Bhattacharya joined as research student on 25th September, 63. The problem of his Ph.D. thesis is "Geology and Mineral resources of Sidhi Distt. M.P.".

(17) Shri Prem Swaroop Saklani joined as research student in this Department on 20th September, 1963. The problem of his Ph.D. thesis is "Geology of the area around Pratap Nagar Distt. Tehri Garhwal".

(18) Shri Kamla Prasad Singh joined as research student on 25th September, 1963. The problem of his Ph.D. thesis is "A Study of Startigraphy and Palaeontology of the Patcham Island of Cutch".

(19) Shri R. B. Saran joined as research student in this department on 13th March, 64. The problem of his Ph.D. thesis is "Matamorphic History and Economic Geology of the area around Dhovakola, Distt. Hazaribagh, Bihar".

(20) Shri R. S. Sharma Lecturer in Geology joined as research scholar in March, 1961. The problem of his Ph.D. research is "Petrological Study of South East Ajmer with special reference to banded gneiss complex".

(21) Shri K. N. Singh Lecturer in Geology in this Department joined as research scholar in July, 1959. The problem of his Ph.D. thesis is "Metamorphic History of the Area South-East of Dwarhat Bazar, Distt. Almora, U.P.".

Publications :

The following papers have been published by the respective persons in Journals mentioned against each publication:

(1) Migmalites of Kumaon Hill, U.P.

Jurl. Geog. Soc. Ind. June 13, 63. *by Dr. I. C. Pande, Shri K. B. Pawar & Dr. B. K. Das.*

(2) Some aspects of the Geomorphology of Chowkhutia area, U.P. India 1963.

Joul. Geog. Soc. Ind. (In press) *Das & Dr. I. C. Pande.*

(3) On the occurence of "Garnet in Garnet" in the Pelitic rocks of Chowkhutia area.

Sc. Res. Joul. B.H.U. (in Press) *by Dr. B. K. Das and Dr. I. C. Pande.*

(4) Metamorphic History of the Pelitic rocks of Kumaon Himalayas with special reference to Pilitis of Chowkhutia area, U.P.

Abstract in G.S.I. symposium in Himalayan Geology 1963. *by Dr. B. K. Das & Dr. I. C. Pande.*

(5) Geology and Stratigraphy of the Kathgodam area, Nainital, U.P.

Abstract sent for XXII Int. Geol. Cong. *by Dr. I. C. Pande.*

(6) Structure and origin of the Byarapur chromite deposits Hassan Distt. Mysore.

Send of XXII Int. Geol. Conger. *by shri S. V. Vardarajan, Dr. I. C. Pande & Srinivas Rao.*

(7) On the occurence of Amphibolite, associated with the Bichua Stage, Sausar series, North of Rama Kora M.P. (India)

Sc. Res. Jour. B.H.U. (in the press) *by Shri K. B. Pawar & Dr. I.C. Pande.*

(8) On the Occurence of an olivine Dolerite Loccolith at Ranikhet area Distt. Almora, U.P.

by Shri R. S. Sharma.

(9) The distribution & behaviour of Trace Element in the Basaltic flows of India Deccan Trap flows.

Accepted for reading at the XXII International Geological Congress 1964.

by Dr. S. G. Karkare.

(10) On the occurence of Orbicular Structure in migmatites of Dwarahat area of Almora Distt. U.P.

Sc. Res. Joul. B.H.U. 1963-64 *by Shri K. N. Singh.*

(11) On the occurence and origin of Volcanic Braccia near Kalakund, M.P.

Sc. Res. Joul. B.H.U. *by Dr. S. G. Karkare.*

(12) Geology of the area South-East of Dwarhat Bazar Distt. Almora, U.P. with special reference to Migmatites of the area.

Abstract of the paper read the first Himalyan Geology symposium G.S.I.

- Paper under consideration for publication in G.S.I. *by Shri K. N. Singh.*

(13) A Study of Geology and the Metamorphic History of Ranikhet area Distt. Almora, U.P.

Under preaparation *by Shri R. S. Sharma.*

Research Scholarships :

At present three research students are getting Research Training scholarships, seven students are getting C. S. I. R. scholarships and one student is getting U.G.C. scholarship.

Distinguished Visitors :

(i) Dr. P. K. Sen Gupta, Director Radio Meteorology, New Delhi, visited the Department and delivered an interesting lecture on "Climate through Ages" on 4-12-63.

(ii) Prof. G. B. Pant of Birla Institute of Technology, Mesra, Ranchi, visited the department on 6th December, 1963 and delivered a lecture on "Statalites and the Earth".

(iii) Shri S. K. Paul, M.Sc., M.S., senior Geophysicist O. N. G.C. Govt. of India, delivered a lecture on "Oil Exploration problems in India" on 6-3-64.

(iv) Prof. I. I. Gurvich, Chief of the department of Seismic Methods of Geological prospetcing, delivered two lectures (A) Geological Education in U.S S.R., (B) Present State and some problems on Seismic prospecting on 25th March, 1964.

Social and extra-curricular acticities :

(1) The Department runs a Society known as Geological and Geophysical Society, B.H.U. to give facilities for reading scientific papers to encourage academic discussion etc. specially for the research and post-graduate students, and it also arranges scientific and educative film shows for students.

(2) The following members of the staff are attached with the various National Cadet Corps Units :—

Major I. C. Pande, Capt. B. D. Tiwari and Lt. Arup Deb.

(3) The following members of the staff are in the Executive Committee of the College of Science Athletic Association.

Dr. Rajnath (President) Dr. I. C. Pande (Chairman, Gymnastic). Shri K. B. Pawar, (Chairman, Base Ball), Shri Arup Deb. (Chairman. Volley Ball).

Geological field training :

(1) The M.Sc. students worked out their thesis problem under the guidance of Dr. Rajnath, Dr. I. C. Pande, Dr. N. K. Mukerjee, Dr. A. K. Bhattacharya. Dr. B. D. Tiwari and Dr. V. D. Shukla.

(3) The M.Sc. (Previous) Geology students for their first first field training visited Someshwar, Kausani, Almora. Nainital, Rani Bagh etc. under the guidance of Dr. I. C. Pande and Shri K. B. Pawar from 5th October to 25th October, 1963 and for the second field training they visited Calcutta, Patna etc. under the guidence of Dr. C. S. P. Singh from 24-12-63 to 7-1-64.

(4) The M.Sc. (Final) students visited Rajasthan, Bombay, Gujrat Trombay etc. under the guidance of Dr. A. K. Bhatt-charya from 25th December, 1963 to 15th January, 1964.

(5) The students of B.Sc. Part I for their second field training visited Koderma and Rohtas under the guidance of Dr. B. K. Das, Shri K. N. Singh, Shri O. S. Gautam and Shri V. G. Phansalkar and for the next tour (who failed to attend the first tour) visited Koderma, Dehri-on-sone, Bajjan Rohtas (Bihar) under the guidance of Shri K. N. Singh.

(6) The students of B.Sc. Part II 'A' Batch visited Jabalpur and Katni under the guidance of Dr. V. D. Shukla for one week. 'B' Batch visited Katni, Jabalpur, and Balaghat under the guidance of Shri R. S. Sharma and Dr. S. G. Karkare from 22-10-63 to 31-10-63. 'C' Batch visited Jabalpur, Chirimiri, Amarkantaka (M.P.) from 28th October to 5th November, 63.

(7) The students of B.Sc. Part III visited Dhanbad under the guidance of Dr. N. K. Mukerjee from 27th October to 5th November, 1963.

Department of Geophysics

Number of Students in each course.

M.Sc. (Prev.)	11
M Sc. (Final)	11

Number of Staff

	Sanctioned strength	*Actual strength*
Professor	1	—
Readers	2	1
Lecturers	2	4

Besides this the teaching work of the various branches of Geophysics was carried out with the grateful co-operation of the Departments of Geology, Mathematics, College of Mining & Metallurgy and Engineering College of the University.

Changes in the Staff:

(1) Shri K. C. Chakravorty, Reader in Geophysics, retired on 8-7-63.

(2) Shri M. K. Agrawal, joined as Temporary Lecturer on 17th July, 1963 and left on 22-8-63 (A.N.)

(3) Shri Jai Ram Singh joined on 16-9-63.

(4) Shri Ram Kishore Singh Chauhan joined as Temporary Lecturer on 3rd Oct. 1963.

Research work and Publications.

Shri Jai Ram Singh was working on the Dobson Ozone Spectrophotometer and his paper on "Atmospheric Ozone and its Meteorological Significance" appeared in the Prajna March, 1964.

Under I.Q.S.Y. Programme, Shri Brij Mohan Sahni and Jugaldas Chattopadhya are also working on the Ozone Spectrophotometer. They have received two weeks' training in Ozone work at India Me eorological Deptt, New Delhi. Dr. H. S. Rathor and Shri Sahni sent one paper for publication in B.H.U. Scientific Journal the title of which is "Diurnal Variation of Atmospheric Ozone at Varanasi".

Shri R. K. S. Chauhan is working on Seismology. He attended a symposium on "Problems in Geophysics relating to the crust of the Earth", which was held at Hyderabad on the 30th and 31st January, 1964 and presented a on "T

ratio of the Earth's crust in Indian Region". Another paper on "Some reflection Methods of Mapping Fault" is under publication in B.H.U. Scientific Journal.

Shri Dinesh Chandra Mishra who is working on Rock Magnetism had visited Tata Fundamental Research Institute, Bombay and has installed an Astatic Magnometer in the Department.

Shri Alok Nath Bhowmic is doing research on Ground Water under Dr. H. S. Rathor. One paper on "Ground Water resources in Mirzapur Distt." has been sent for publication by Dr. H. S. Rathor and Shri Bhowmic.

Shri Hira Singh and Sri S. K. Upadhyaya are working on the problem of Heat Exchange between Earth and the atmosphere.

Shri Saradindu Sen Gupta is doing research on Radioactivity of rocks.

Research Scholarships :

About half a dozen research scholars are receiving C.S.I.R. Junior research fellowships of Rs. 250/- P.M.

The Department of Geophysics is in Co-operation with the India Meteorological Deptt. & supply Ozone Observation for the International Quiet Sun Year which started on 1st. Jan. 1964.

Distinguished Visitors :

The following visitors visited the Department and delivered lectures on the subject mentioned against each.

(1) Prof. G. B. Pant of Birla Institute of Technology, Mesra, Ranchi.	Satallites and the Earth on the 6th. Dec. 1963.
(2) Dr. P. K. Sen Gupta, Director, Radio Meteorology, Delhi.	"Climate through ages"
(3) Prof. I. I. Gurvich. Chief of the Department of Scientific methods of Geological cal prospecting, USSR.	(1) Geological education in USSR on 24th. March, 1964. (2) Present state and some Problems on seismic prospecting on 25th. March, 1964

Sports and Games :

The students of the Department took keen interest in various sports and games of the University.

Training, Tours and Excursions.

M.Sc. (Previous) Students went out on an educational tour for about five weeks during September & October, '63 under the guidance of Dr. H. S. Rathor, Reader in Geophysics and M.Sc. (Final) students under the gudance of Shri Randhir Singh, Lecturer in Geophysics for about five weeks during Sept. & October 1963. They visited various Institutes with Geophysical subjects and they did field work and visited prospecting parties during their tour.

Literary Activities :

(1) Under the auspices of Geological and Geophysical Society a number of lectures and discussions on special subjects were arranged.

(2) Every week there is Geophysics seminar in which one M.Sc. (Final) student is required to speak on some special topic and others take part in discussion.

(3) The Fourth Meteorological day was celebrated under the asupices of the Department of Geophysics on March 23rd, '64. The members of this Department delivered lectures and had discussions on various Meteorological Subjects. Besides these lectures, a popular article on the "Economic Importance of Hydrometeorology" by Dr. H. S. Rathor and Sri Jai Ram Singh of the Deptt. was published in the weekly issue of local Hindi "Aaj" on the 22nd March, 1964.

The Department of Geophysics organised seminars on important Geophysical subjects each Saturday afternoon for two hours. In these seminars the main speaker used to be one M.Sc. (Final) student. Members of staff and other post-graduate students took part in discussions.

Department of Geography

Number of students in each course:

Arts	*No. of Students*	*Science*	*No. of Students*
P.U.C.	12	P.U.C.	23
B.A. Pt. I	3	B.Sc. Pt. I	30
B.A. Pt. II	130	B.Sc. Pt. II	49
B.A. Pt. III	73	B.Sc. Pt. III	25
M.A. (Prev.)	42	M.Sc. (Prev.)	3
M.A. (Final)	22	M.Sc. (Final)	4
Research Scholars	15	Research Scholars	3
Total	297	Total	137

Number of staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3
Lecturers	9	9

Changes in the staff:

One post of photostat operator and one post of Surveyor Asstt. were sanctioned and appointments were made in the year under report.

New appointments during the year with their dates of joining duties:—

	Name	*Post*	*Date of Joining duties*
1.	Shri Kailash Nath Singh	Temporary Lecturer, in the leave vacancy of Shri S. S. Sharma	9-7-63
2.	Shri M. S. Vishwanath	Temporary Lecturer, in the leave vacancy of Dr. R. L. Singh, who has gone to Mexico as Visiting Professor for six months.	19-2-64
3.	Dr. Basant Singh	Temporary Lecturer, in the leave vacaancy of Shri N. K. P. Sinha.	22-2-64

Changes in the courses, syllabus etc.

Courses of the undergraduate classes are the same. However, one special paper of Applied Geography has been introduced in Post Graduate Classes.

Research Work and Publications :

1. Dr. U. Singh :

Papers.

(1) Moghalsarai—A study in Land Use, paper submitted to the Indian Science Congress Association held in October, 1963.

(2) Road Traffic Survey of Varanasi—published in the National Geographical Journal of India, Vol. IX pts. 3 & 4 (1963, Sept. & Dec.)

(3) Cities of Ganga Plain—paper submitted in the International Geographical Congress to be held in July and August 1964.

Books

Allahabad : A study in Urban Geography, published by the N.G.S.I., B.H.U., Varanasi-5, 1963

2. Dr. S. L. Kayastha :

Papers :

(1) Social Structure in the Himalayan Beas Basin.

(2) Hurb and Drug Forming in the Himalayan Beas Basin—both the papers (articles) submitted to the Indian Science Congress, Oct., 1963.

(3) Climatic Factors in Pomi Culture in the Himalayas-accepted for publication in the Journal of Geography, Bhopal, M.P.

Books :

The Himalayan Beas Basin—A study in Habitat, Economy and Society, B.H.U., March, 1964.

3. Dr. A. S. Jauhari :

Papers :

(1) Sutlej Yamuna Devide : A study in Post-Partition Growth of small towns from Pre-Existing Rural Settlements, Vol. IX, Pt. 2, 1963 N.G.J.I., Varanasi-5.

4. Dr. R. N. Mathur :

Ground water discharge by Evapo-Transpiration in Meerut Dist., U.P. paper submitted for being read in the Indian Science Congress, 1963.

5. Dr. Kashi Nath Singh :

(1) Shifting Patterns of Land Use in small towns: A case study at Shahganj—paper discussed in the Land Use Seminar, sponsored by the Council of Indian Geographers under the auspices of the Indian Science Congress, Oct., 1963

(2) Bases of Small Rural Service Centres in Middle Ganga Valley—paper accepted for discussion in the 20th International Geographical Congress to be held in London in July—August 1964, in collaboration with Dr. R. L. Singh.

6. Shri Kailash Nath Singh :

(1) "Changing Land Use Patterns in a Vindhayan Foothills market-Chakia", in collaboration with Dr. R. L. Singh, paper discussed in the land Use Seminar sponsored by the Council of Indian Geographers under the auspices of Indian Science Congress, Oct., 1963.

(2) 'An Eumorphic, Equal Area Projection for World Distribution—paper submitted to the Indian Science Congress, Oct., 1963.

(3) 'Chakia: A study in the Evolution of a Contact-Point Settlement'-paper submitted to the Indian Science Congress, Oct., 1963.

7. Dr. V. R. Singh :

(1) Crop Associations in the Neighbourhood of Mirzapur, paper submitted to the Indian Science Congress, 1963.

8. Shri N. D. Bhattacharya, Research Scholar :

'Berhampur: A Study in Urban Morphology'—Indian Science Congress, Oct., 1963.

9. Shri Ram Bali Singh, Research Scholar :

'Chandrawati-The Study of a Parent Rajput Clan Settlement', Indian Science Congress, 1963.

10. Shri Satish Chandra Singh, Research Scholar :
'Evolution of Azamgarh', N.G J. India, Vol. IX Pt. 3 & 4, Dec., 1963.

The following research scholars submitted their Ph.D. thesis and the first three have got Ph.D. degree in December, 1963 :

1.	Shri Kashi Nath Singh	"Rural Markets and Urban Centres in Eastern U.P.".
2.	Shri Ram Briksh Singh	"Transport Geography of U.P."
3.	Shri Basant Singh	"Land Utilization of Chakia Tahsil, Varanasi".
4.	Shri S. P. Singh	"Bhagalpur. A Study in Regional Geography".
5.	Shri P. N. Lal	"Andaman Islands: A study in Regional Geography".

Research Scholarships

The following research scholars have received research scholarship from sources mentioned against their names in the year under report :

	Name	*Sources*	*Amount*
1.	Shri H. S. Gupta	U.G.C. (Humanities)	Rs. 200/- P.M.
2.	Shri Onkar Singh	Pt. Bhagwandin & Mrs. Ram Dulari Dube Scholarship	Rs. 140/- P.M.
3.	Shri V. K. Asthana	Pt. Bhagwandin & Mrs. Ram Dulari Dube Scholarship	Rs. 140/- P.M.

Distinguished visitors :

The following visitors came in the Department and delivered learned lectures on the following topics :

1. Dr. Miss Irawathy, Principal, Queen Mary College, Madras, "Role of Geography in National Defence."
2 Major G. Banerjee, Indian Army, "Impressions of Congo"
3. Dr. Mohammed Shafi, Head of the Deptt. of Geography, Muslim University, Aligarh, "P[illegible]

4. Dr. Gurdev Singh Gosal, Head, Geography Deptt., Punjab University, Chandigarh, "Some Fundamental Concepts of Geography."

5. Dr. P. Dayal, Head, Geography Deptt., Patna University, "Lecture on general interest".

Sports and games

The post graduate students took part in all the Science and Arts Colleges' sports and games in the year under report. A happy match was also organised between the staff and the students.

Dr. S. L. Kayastha, Reader in Geography, organised and conducted M.A. & M.Sc. Geography Field Tour to Bihar and Assam.

Post graduate seminars are held once a week. Research seminars are held once a fortnight.

SCIENCE COLLEGE ATHLETIC ASSOCIATION

Sports :

Activity on the Sports ground was very heartening. Our team won the University Championship this year. We have been retaining the individual Championship for the last several years and this year Shri M. P. Singh and Shri Jagdanand Singh were the joint University Champions. It is remarkable that Shri M.P. Singh had been Champion earlier as such he was awarded President's Gold Medal and is a College Blue. Other outstanding sportsmen are Shri K. L. Singh, Shri Bhola Nath and Shri Markandey Singh. Our College participated in the District Sports and was runners-up. Shri Jagda Nand Singh was declared Champion at the Sports Meet.

Kabaddi :

Our peformance in Kabaddi was remarkable. We became the Kabaddi Champion this year by defeating the Arts College and won the trophy. Two of our players were selected to represent the University in the Inter University Kabaddi Tournament at Poona.

Football :

This year the College Football team faired well in the various tournaments. In the Inter College League Tournament our

team defeated most of the Colleges and lost only to C.H.C. Even Benco, the Champions, failed to win against us and were placed third. In the 'Knock-out' Tournament our team has won the finals.

The inclusion of some outstanding Football players in our team has added unprecedented strength to the team. They are Shri D. P. Ghosh, one of our collegues, Shri Samir Das and Shri Jagda Nand Singh In the Inter-University Football Tournament held at Gauhati, the University team included two of our players, Shri Jagda Nand Singh and Shri Tej Prakash Singh.

Hockey :

Our Hockey team is maintaining good standard. In the league matches we have reached the semi-final stage and rest is yet to be played. Shri A. P. Singh has been taken as a player in the University Team.

Cricket :

Our Cricket team is fairly good. We participated in the University Cricket league, Swarup shield Tournament and Dhruva Shield Tournament. In the league match we lost only to the Engineering College and in the other two tournaments we have reached upto the semifinal stage.

Volleyaball :

Our Volleyball team is fairly good. Two of our players Shri Vachaspati Mishra and Shri S. B. Singh were selected to represent the University in the Volleyball Tournament held at Kanpur. Our team participated in the Inter College Volleyball Tournament and reached upto the semi final stage.

Tennis :

This year there has been some improvement in Tennis. Due to reduced membership fee the number of members has increased. The most notable thing this year was that some of the girl students also participated in the tournament. The junior boys of the College seem to be more interested and we hope the standard will go up.

Badminton :

Badminton, undoubtedly, is the most popular game. In the Inter College Tournaments our team lost in the semi- finals

to the Arts College. In the District Tournament our players did well. This year we had a night court. The girl students are showing good interest.

Table Tennis :

In the Inter-College League our team secured third position. Shri Santosh Kumar has been taken as a player in the University Team.

Basketball :

Basketball is getting popular with a large number of students. Our Basketball team is fairly good. Shri Ravindra Kumar represented the University team at Lucknow.

During the year under report there has been an overall improvement in the different games.

Boat & Swimming :

This year our performance in Boat and Swimming was good.

Shri R. N. Roy of our College got the individual Championship in Boating. Our College got the University Boating Championship in two items i.e. canoe and skull.

Social and Extra-Curricular activities :

(i) An essay competition was organised.

(ii) Several subjects of popular and scientific interests were chosen for the competition.

(iii) 19 M.Sc. students and 14 B.Sc. students and 3 P.U.C. (Sc.) students participated in the competition.

FACULTY OF TECHNOLOGY

COLLEGE OF TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING AND CHEMICAL TECHNOLOGY

Number of students in each Course :

2nd Year Integ.	B.Sc. Chem. Engg.	28
3rd Year Integ.	do	37

4th Year Integ.	do	36
5th Year Integ.	do	43
M.Sc. Chem. Engg. (Previous)		8

Number of staff:

	Sanctioned Strength	*Actual Strength*	
Professors	2	2	
Readers	5	5	
Lecturers	16	14	(of whom 7 were temporary and their services were terminated on 1st May 1964).

Changes in the Staff:

[illegible] Engineering Drawing and Shri C. E [illegible] on stud [illegible] in the [illegible] in Chemical Engineering who [illegible] ced studies in Chemical Engineering an year earlier, has made good progress and is expected to submit his thesis soon for the candidature in Technical Sciences. Shri R. S. Misra, Lecturer in Engineering Drawing, resigned on his being selected for the Railway Engineering Service.

Dr. N. D. Mishra, Lecturer in Chemical Technology, resigned in order to take up the post of Chief Chemist in a Paper Factory in Mysore.

Changes in Courses, Syllabus etc:

Post-graduate course leading to the Master's degree in Chemical Engineering was started from July, '63. The Department of Chemical Engineering has been recognised as a Centre for Post-graduate education with a sanctioned annual intake of 12 students for the M Sc. course in Chemical Engineering.

The College of Technology celebrated its Annual Day in January 1964, and had the signal honour of having Shri M. C. Chagla, Union Education Minister, as the Guest of Honour. The Chief Guest went round the various Departments of the College

and complimented the College on the excellence of the standard maintained.

A number of extra-mural lectures on Scientific and Technical subjects by experts from Industry and Educational Institutions were arranged under the Extension Lecture Scheme. Dr. G. K. Doss, Director, Central Electro Chemical Laboratory, Karaikudi, Dr. Atma Ram, Director, Central Glass and Ceramic Research Institute, Calcutta, and Shri N. G. Ashar, Design Engineer, Dharamsi Morarji Chemical Co., Bombay, were some of the distinguished lecturers who participated in this Scheme.

The Society of Chemical Engineers had an active and succeesful session. A number of talks were given by distinguished guests invited by the Society and also by the student members of the society.

Department of Silicate Technology

Number of students in each course:

2nd year Silicate Technology	28
3rd year Silicate Technology	20
4th year Silicate Technology	11
5th year Silicate Technology	2
Ph.D.	1

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	2
Lecturers	5	4

Changes in the staff and new appointments during the year with their dates of joining duties:

(*a*) There is every dearth of qualified personnel in the various branches of Engineering & Technology and the problem seems to be more acute so far as various fields of Silicate Technology are concerned. For every post in the status of a Reader, several insertions, inviting applications for the posts on All-India basis had to be made. We have, however, been able

to get Dr. B. N. Samaddar, M.Sc. (Tech.), D.Phil., as a Reader in Refractories. Dr. Samaddar took charge of his assignment here on the 31st January, 1964. The other post of the Reader continues to remain vacant.

(b) Dr. S. P. Singh, Lecturer in the Department was the recipient of a Post Doctorate Research Fellowship of the University of Toronto, Canada, and, as such, he left for his place of activity in the month of Dec., 1963. The vacancy occasioned due to the departure of Dr. Singh could not, however, be filled up yet. This is also due to dearth of a suitable man.

Changes in the courses, Syllabus, etc ·

With the help of A.I.C.T.E., the Ministry of Education has drawn up a revised model syllabus for Silicate Technology. Quite independently, the Development Council has instituted a Sub-Committee, consisting of representatives from teaching institution, research organisation and from industry to draw up the proper type of curriculum for the Silicate Technology course. The Head of the Department of Silicate Technology is the convener of this Sub-Committee.

Research work and publications ·

As is usual, the research activities fall under two categories, viz , long-range and short-term research. The research progress has, therefore, been presented under two main heads. Again, as has been the trend, the study of various problems has been made keeping in view the fundamental and the applied aspects.

Long-range Research Work ·

Shri V. C. Joshi and Prof. H. N. Das Gupta have been continuing their study on "Formation of Mullite Crystals" at relatively lower temperatures. According to their findings, it is possible to induce crystallisation of mullite in a liquid phase consisting of a mixture of composite fluxes at temperatures much below the lowest reported Al_2O_3-SiO_2 eutectic. To anticipate the formation of a eutectic between the component fluxes they have been using. The present study may also [illegible] resolve some of the conflicting evidence regarding composition and melting behaviour of the mullite. The progress [illegible]

made, has been communicated for publication in the Abstract Volume of the Indian Science Congress Association, 1964.

It has been found feasible for Dr. Das Gupta and Shri Joshi to evolve a rapid modified chemical method for estimating the P.C. of mullite. A paper embracing the modified analytical procedure and entitled "Analytical Determination of Mullite in Ceramic Bodies" has been published.

In an earlier publication, Dr. Das Gupta and Dr. P. Sen were able to present additional fundamental evidence for a better understanding of the phenomenon connected with the colouring of glass due to iron. A process was evolved to estimate the p.c. of colloidally dispersed iron without affecting the co-ordination number of the iron or the part played by its ion as a network-former or network-modifier. In an attempt at attacking the iron oxide present only in the interstitial holes as network-modifier, it had been revealed that the entire glass structure was opened up. Advantage was taken of this fact in evolving a process for the estimation of total iron in glass and a paper was published in the Journal of Indian Ceramics.

Titania is now coming to the fore as a component of glass. A study has been made by Dr. P. Sen to find out the effect of gradual substitution of silica and lime by titania on the properties of glass. The results are very encouraging and they have been sent for publication in the Abstract volume of the Indian Science Congress, 1964.

Shri D. K. Patwardhan has been continuing his studies on D. T. A. principle and its technique. He is of the opinion that the basic conception relating to D. T. A. technique is wrong and is open to correction. In support of his contention, he has already published three papers embracing his own findings. He has been making further studies to adduce additional evidence in support of his own theory.

Short-term Research Scheme :

The estimation of iron in glass by Thiocyanate method may not always give reproducible results. The use of mercurous nitrate solution for estimation of ferric iron has been advocated in many cases. The special merit of mercurous nitrate solution as a reagent is that it can be used for direct titration of complex ferri Thiocyanate ion. Dr. Das Gupta and Shri Sen have extended

the method to the evaluation of ferric iron in glasses. Result preliminary experiments show that the original claims of process are not absolutely correct. Further work in this dir tion is in progress.

Chemical durability of glass is ascertained by various way Ordinarily, reproducible results, by the application of any suc process, are not possible. Dr Das Gupta and Shri Sen have bee studying the feasibility of using potassium permanganate solution as a reagent for ascertaining the chemical resistivity of soda-lime-silica glasses

Shri Patwardhan has extended his research activities to include studies of the following —(a) Building Bricks from Black Cotton Soils of India and (b) Modification of Trouton's formula. While the work on the former is in progress, a paper entitled "Generalized Trouton's Rule" has been communicated for publication in the Journal of the Indian Chemical Society.

Dr. B. N. Samaddar is a new man in the department With-in the short span of his stay in the department, he has started research activities with full enthusiasm in fields which are of diverse types. Thus, he has brought into use an apparatus for the creep-test of refractory materials after modifying the design and he has been utilising this unit for a study of the effect of tricop-structure on the creep properties of fire-clays

He has also started exploratory investigation on the fired colours of clays in collaboration with Prof Das Gupta.

List of papers published in Scientific Journals during the Session :

1. Analytical Determination of Mullite in Ceramic Bodies, by H. N. Das Gupta and V. C. Joshi. Indian J. Appl. Chemistry, 1963, Vol. 26, No. 3, p. 53.
2. Analytical Determination of Iron Oxide in Glasses by H. N. Das Gupta and P. Sen. Journal Indian Ceramics, 1963 Vol. 10. No. 1, p. 17.
3. Use of Rewa Sillimanite for Glass House Refractories, by P. Sen and S. M Gupta. Indian Ceramics, 1963, Vol. 10, No. 1, p. 26.

t of Papers Communicated and/or accepted for publication with the name of Journal :

4. Some Physical and Chemical Properties of Strontia and Baria substituted Soda-Lime-Silica Glas By

P. Sen and S. M. Gupta. (Accepted for publication in the J. Appl. Chem.)

5. Generalized Trouton's Rule. By D. K. Patwardhan (Sent for publication in the J. of Ind. Chem. Soc.)

Papers communicated for inclusion in the Abstract of papers for the 51st Session of the Indian Science Congress Association:

6. Formation of Mullite Crystals Part II. by H. N. Das Gupta and V. C. Joshi.

7. Chemical Resistivity of Soda-Lime-Silica, Glass towards Permanganate Solution. By H. N. Das Gupta and P. Sen.

Research scholarships and equipment:

The move initiated by the teachers to get a few research schemes sanctioned for the department is going to bear fruits. Thus, the research scheme of Dr. H. N. Das Gupta may be given effect to by the State Council of Scientific and Industrial Research, U.P. Last year, the scheme was selected for award of grant. Dr. P. Sen expects to get one or two of his schemes accepted for award of grants by the same body. Dr. B. N. Samaddar has approached C.S.I.R. for allowing him to transfer the sanctioned scheme of research at B.H.U.

Dr. P. Sen has been granted Rs. 2,500/- for carrying on his research work by the U.G.C. He has also submitted a few schemes to the Industrial Board of the U.P. Government. The decision is awaited.

The Department has been enriched due to the acquisition of a few units of laboratory type equipment. We have also formed the nucleus of a small Workshop and it has been possible to equip it with lathe, drilling machine and a small grinding unit. Due to difficulty in getting foreign exchange, we have been improvising testing equipment ourselves and the workshop will help solve many of our problems. It has also been possible for us to procure and/or to prepare most of the components of a thermo-gravimetric set. This latter unit is one of the modern tools for research work on clay minerals. Dr. Samaddar has been able to modify one apparatus for the creep-test of refractory materials from the resources available in the Department. The credit for improving a number of glass testing equipments goes to Dr. P. Sen. In fact, it is due to his initiative in this

direction that the glass testing laboratory is gradually being well equipped.

Distinguished Visitors :

During the session under review, the Department had the opportunity of receiving the Hon. Union Minister for Education, Shri M. C. Chagla. He was much impressed with the activities of the Department.

The Visiting Committee of the University Grants Commission made an on the spot assessment of our requirements for the next Five-Year-Plan. Their recommendations have been forwarded to the Commission and the decision is awaited.

Sports and Games :

As usual, the students of this Department took active interest in the various sports and games. Some of them were the recipient of cups and prizes as they could score in a number of events.

Social and Extra-curricular activities :

For offering facilities to the students to develop the power of speaking and to create interest in their subject of specialisation, the Department has started a Society entitled "Society of Silicate Technologists", this year. The inaugural function was done with Dr. Atma Ram, Director, Central Glass and Ceramic Research Institute, in the chair. The boys took keen interest in the activities of this Society.

Deputations :

(a) Shri D. K. Patwardhan was deputed by the University to attend the Annual General Meeting of the Indian Chemical Society held in Bombay. Shri Patwardhan presented his paper entitled "Generalized Trouton's Rule".

(b) Professor H. N. Das Gupta, Dr. P. Sen and Shri D. K. Patwardhan were deputed to attend the Annual General Meeting of the Indian Ceramic Society held in New Delhi. The special feature of the Annual Meeting was a symposium on "Steel Plant Refractories." The delegates took active interest in the proceedings of the Annual functions and the following papers were presented :—

Dr. P. Sen :

1. Steel Plant Refractories and its effect on glass hous refractories.
2. Silvering on Glass by Rochelle salt process.

Shri D. K. Patwardhan :

1. D.T.A. and Kinities of dehydration of kaolin.
2. Building Bricks from Black Cotton soils of India.

General Remarks :

(*a*) Dr. P. Sen has been invited by the International Commission on Glass for actively participating in their annual meeting on the 15th and 16th September, 1964, in Copenhagen (Denmark). The programme embraces discussion on the quality of glass surface and its evaluation. The invitation has been made through the Union Ministry of Education and the Executive Council of this University has deputed Dr. Sen for this purpose.

(*b*) According to tradition, we have received this year also requests for recommending suitable candidates from various industries. Owing to limited number of students, we had to express our regret in many cases.

(*c*) The Departmental Museum has been enriched due to inclusion of new exhibits and more show-case almirahs. We have received donations for show-case almirahs from: (1) M/S. Industrial and Engineering Apparatus Co., Bombay, (2) M/s. Bengal Potteries Ltd., Calcutta, and (3) M/s. Harry Refractory and Ceramic Works (P) Ltd., Calcutta. For expansion of the Museum, the department has been granted special furniture grant of Rs. 1.600/- by the University authorities.

(*d*) Factory training constitutes a pre-requisite for qualifying oneself for taking this final examination. In this respect, the response from the industry is good, but there is further scope for better cooperation. This latter refers to sympathetic consideration regarding living accommodation for the trainees.

(*e*) It appears that the move for co-operation between technical institutions and industries in matters relating to practical problems is gradually taking shape. Thus, the help

and cooperation of some members of the teaching staff of this department have actually been solicited by the industry and also by the Provincial Government. The Head of the Department was deputed by the University to participate in the deliberations of a meeting of the Development Council for Glass and Ceramics in New Delhi and also to attend a meeting of the Glass Panel in Allahabad. The departmental Head has also been coopted as a member of the Indian Standard Institute for Glass.

Department of Pharmaceutics

Number of Students in each course:

1st Year B.Pharm	19
2nd Year B.Pharm	20
3rd Year B.Pharm	20
4th Year B.Pharm	12
M.Pharm	11
Ph.D.	6 (Excluding external Students)

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	4	3
Lecturers,	7	7 (Three are on Study leave out of which two have been filled up temporarily)
Part-time lecturers	2	1

Changes in the Staff:

Dr. S. Prasad has been appointed as professor of Pharmaceutics.

Dr. I. C. Bhattacharya and Shri S. C. Mutha have gone to U.S.A. for higher stuies.

New appointments during the year with their dates of joining duties:

Shri S. B. Jaiswal appointed as a lecturer in Pharm. Chemistry, joined on 9-7-63.

Shri S. P. Wahi and Shri K. D. Chaudhary have been appointed as temporary lecturers from 9th July, 1963.

Shri R. N. Nasipuri has been appointed as temporary lecturer in Pharmacology and joined on 24-2-64.

Changes in the courses, syllabus etc.

From July 1963, the IV year Integrated B. Pharm. Course and 2 year M.Pharm. course were started with revised syllabus.

Research work and publications :

1. Pharmacognostical Studies on the bark of *Gmelina arborea* Linn.
2. Pharmacognostical Studies on the roots of *Desmodium gangeticum* Linn.
3. Phytochemical Studies on the root bark of *G. arborea*
4. Phytochemical Studies on the root of D. gengeticum.
5. Pharmacognostical Studies on the root bark of *Premna integrifolia.*
6. Pharmacognostical Studies on the *Tribulus terestric*.
7. Phytochemical investigation on *Enicostemma Litorale*.
8. Phytochemical Studies on the *rhizome of Musa Sapitntum*.
9. Isolation of the Antibiotic from actinomyces of the B.H.U. Soil.
10. Alkaloidal contents of Rauwolfia beddoni, Hook-F and their Pharmacological characterisation.
11. Synthesis of simpler analogues of Researpine Part II.
12. Chemical & Biological Investigation on the Moreinga Pterygosenna Linn.
13. Synthesis of simpler analogues of Researpine Part III.
14. Pharmacological investigation of some open-chain Researpine Analogues.
15. Pharmacological investigation of N.—Mannich bases of salicylamid.
16. Aminomethylation of Salicylamide—A study in their syntheses and Pharmacology.
17. Some Mannich bases of Piperazine—A study in their syntheses and Pharmacology.

18. The N-Mannich bases of 3, 5,-Dibromosalicylamide-A Study in their syntheses and Pharmacology.
19. Estimation of N-Mannich bases of 3, 5-Dibromosalicylamide by non Aqueous Titration.
20. The N-Mannich bases of nicolinamide—A study in their *syntheses and Pharmacology.*
21. Estimation of N-Mannich bases of nicotinamide by Non-Aqueous Titration.
22. Estimation of 'Nitrogen' in the N. Mannich bases of *Nicotingmide by micro-Kjeldahl Method* and *B. P. Method—A comparative study.*
23. L-Aminogethylation of brucine.
24. Stability of Linolic-Acid rich oil in aqueous emulsion.
25. Component fatty acids of Chaulmoogra oil. J. J. Sci. Food. Agri. *14* (7) 457, 1963.
26. Proximate analysis of the seed fat composition of the species belonging to different families. Indian Oil Soap J. 28(1960), 83
27. Composition of the seed fats of the Cappariclaceae family. J. Sci, Food. Agri. *15* (2) 69, 1964.
28. Composition of the seed fat of Citrullus colocynthis. J. Sci. Food Agri. *175* (2) 74 (1964)
29. Comparative study of Urea-addiction and Low Temp. crystallisation as methods of segregation of fatty acids-accepted for publication. Ind. Jr. Applied Chemistry No. 5, 1963.

Research Scholarships :

Shri Ajai Prakash and Shri M. S. Ansari have been awarded U.G.C. Research fellowship in Engineering and technological subjects (Pharmaceutics) and are working under Dr. S. Prasad.

Distinguished visitors :

1. Prof. K. Kimura, Professor of Pharmacognosy, Kyoto University, Japan & President of Pharmaceutical Society, Japan [illegible] Chief Guest on the present status of Pharmaceutical education in Japan.

2. Prof. Francis Tayeau, the Dean of Faculty of Medicin and Pharmacy, University of Bordeaux (France), gave a tall on "Atheroscelerosis".

3. Prof. T. C. Daniels, Dean, School of Pharmacy, Univer sity of California, San Francisco (U.S.A.), gave a talk on th development of Pharmaceutical education and profession i U.S.A. on April 6, 1964.

Sports and Games :

Shri E. V. Srinivasan and J. C. Saigal represented in th University Cricket eleven.

Social and Extra-curricular activities :

Weekly meetings of the Pharmaceutical Society of B.H.U were held and students had talks on different subjects of phar maceutical interest. The 12th volume of the Pharmstuden (1963) was published. The 28th Annual Function of the Pharma ceutical Society, B.H.U., was held with Prof. K. Kimura o Japan, as the chief guest.

COLLEGE OF AGRICULTURE

Number of students in each course :

B.Sc. (Ag.) Part II	83
B.Sc. (Ag.) Part III	74
B.Sc. (Ag.) Part IV	69
M.Sc. (Ag.) Previous	62
M.Sc. (Ag.) Final	36
Ph.D.	33
Total	357

Number of Staff

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	8	8
Lecturers	16	16
Instructors	4	4

Changes in the staff and new appointments during the year with their dates of joining duties :

Dr. S. K. Sen was appointed as Lecturer in Agricultural Botany and he joined his duties on 9-7-63.

Dr. K. K. Vyas was appointed as Lecturer in Agricultural Chemistry and he joined his duties on 9-7-63.

Shri M. L. Varshney was appointed as Lecturer in Agronomy and he joined his duties on 9-7-63.

Shri M. M. Bhale Rao was appointed as Lecturer in Agricultural Economics and he joined his duties on 21-9-63

Dr. B. D. Pandey was appointed as Lecturer in Agronomy and he joined his duties on 19-10-63.

During the session Dr. Jai Ram Singh was up-graded as Reader in Horticulture with retrospective effect from 1-12-63.

Shri Vijai Singh was appointed as Instructor in Agronomy and he joined this post on 9-7-63 but at present he is working as Lecturer in C.H.C. (K).

Shri Janardan Tewari was appointed during the session as Instructor in Horticulture and he joined his post on 4-1-64.

Dr. O. K. Garg was appointed as Lecturer in Crop Physiology and he joined the new assignment on 8-1-64.

Dr. Jai Narain Singh was appointed as Lecturer in Plant Physiology in place of Dr. O. K. Garg and he joined his duties on 8-1-64.

Research work and Publications.

Dr. Sant Singh and Co-workers :

1. A study on the amino compounds in acid hydrolysates and aquous leachates of some soils of Rajasthan. J. Ind. Soc. Soil Sci., Vol. II, 1963.
2. Studies on the yield of rice as affected by soil drought and potassium application. Proc. Nat. Acad. Sci. India. Vol. XXXIII, Pt. III, 1963.
3. Effect of soil moisture conditions and gibberellin application on rice production. Proc. Nat. Acad. Sci. India, Section A, Vol. XXXIII, Pt. III, 403-68, 1963.

4. Investigations on acid stable reducing organic fractions in some soils of Rajasthan. J. Ind. Soc. Soil Sci., Vol. II, No. 3, 1963.

Dr. S. K. Sen

1. Analysis of rice pachytene chromosomes. *The Nucleus.* Vol. 6(2): pp. 107-120, 1963.
2. Pachytene chromosomes of O. perenois, Nature (in press), London.
3. Sterility in cultivated rice. Euphytica (in press), Wagringen.

Shri S. N. Pandey

1. Radioisotopes in Phosphorus nutrition studies. Indian Farming, Sept. 1963, Published by I. C. A. R.
2. Relationship between nitrogen fixation and apparent rate of photo synthesis in leguminous (pea) and non-leguminous (barley) crops. Jour. Sci. Res., Vol. XIII (1), 1963-64.

Dr. Jai Narain Singh

1. Analytical studies on the productive efficiency of nitrogen in rice. Soil Sci. and Plant Nutrition, Tokyo, Japan, 9: 25-35, 1963.
2. Uptake of nitrogen by sugarcane in relation to phosphorus supply in culture medium. Indian Jour. Sugarcane Res. and Dev., 8: 18-24, 1963, New Delhi.

Research Scholarships :

The following Research Scholarships were awarded to Ph.D. Scholars :—

Senior Research Training Govt. of India Scholarships @ Rs. 250/- each p.m.	4
Junior Research Fellowship awarded by the U.G.C. of the value of Rs. 300/- p.m.	1
University Grants Commission Scholarships @ Rs. 200/- p.m. each	4
Council of Scientific & Industrial Research Scholarships @ Rs. 250/- p.m. each	10

National Merit Govt. of India Scholarship		3
@ Rs. 110/- p.m.	2	
@ Rs. 100/- p.m.	1	
Pt. Bhagwandin Dubey Scholarship of B.H.U. @ Rs. 140/- p.m.		1

Distinguished Visitors.

The following distinguished vistiors visited the College during the session 1963-64:

		Date of visit
(i)	Dr. W. D. Buddemeir, Group Leader, TCM	1-7-63
(ii)	Shri A. S. Bhatnagar, Secretary, Indian Council of Agricultural Research	26-11-63
(iii)	Dr. H. L. Yowell, Research Co-ordinator, ESSO Research and Engineering Co., U.S.A.	6-12-63
(iv)	Dr. Sardar Singh, Plant Protection Advisor to Government of India, Directorate of Plant Protection, Ministry of Food and Agriculture, New Delhi	6-12-63
(v)	Dr. J. S. Patel, Agriculture Commissioner with Govt. of India, New Delhi	24-2-64

Educational Tour:

On account of limited funds every class could not be sent up on educational tour. Only B.Sc (Ag.) Parts III, IV and post-graduate students proceeded on tour during 1963-64.

Award of Doctorate Degrees:

Dr. Uma Shanker Gupta and Dr. G. S. Bhandari got the Doctor's degree in Plant Physiology and Agricultural Chemistry respectively.

Dairy and Agriculture Farm:

The College holds a Dairy with 154 heads of cattle including the following:

Cows—Hariana	11
Sahiwal	45
Buffalo Murra	9
Calves	74
Bulls	3
Bullocks	12

Necessary improvements in the Dairy are under way. The Agricultural Farm of the College earlier owned over 300 acres of land which is gradually decreasing so much that the present area under the Farm is 120 acres of land and 65 acres of land is under the fodder farm of the Dairy. This makes the total area as 185 acres. The University owns a small tract of land adjoining the campus and the College was engaged in reclaiming the same during the session. This will add to the cultivated area another 25 to 30 acres of land in due course of time.

The Dairy and Agricultural Farm have been partially catering to the need of the residents of the University including students and teachers. The Agriculture Farm supplied 1600 mds. of fodders and 200 mds. of concentrates to the Dairy and about 800 mds. of the cereals, wheat and paddy to the residents of the University. On average the every day milk supply from the Dairy during the session was 6-7 mds. against a need of 25 mds. per day.

Social and Extra-curricular Activities:

(i) *Seminars:* Seminars for the post-graduate students in all the subjects were periodically held in the College in which discussions on important scientific topics were held.

(ii) *College Day:* The Annual College Day celebration was held on 24-2-1964 and Dr. J. S. Patel, Agricultural Commissioner with the Government of India, was the Guest of Honour, and Justice N.H. Bhagawati, Vice-Chancellor, B.H.U., presided over the function.

(iii) *Agricultural Association:* The inaugural function of the Agricultural Association was held on November 26, 1963 under the Chairmanship of the Vice-Chancellor. Shri A. S. Bhatnagar, Secretary, Indian Council of Agricultural Research, New Delhi, was the Chief Guest on the day.

The Agricultural Association was formed for development of social and cultural activities of the students and continued to function effectively.

(iv) *Athletic Association Activities:* The Athletic Association of the College runs the activities concerning games, and sports with the guidance of the Principal who is the President of the Association and the co-operation of all the staff members. These activities were initiated soon after the College began its

new academic session in July All the students took part in these activities with considerable enthusiasm.

The College participated in all the tournaments organised in the campus either by the University Athletic Association or by any of the constituent colleges of the University. The most remarkable performance has, however, been in Badminton where the College snatched the Inter College Badminton shield from the Central Hindu College who had monopolised it for the last several years. The performance of the teams in other major tournaments has also been very satisfactory. Several players from the College were also selected to represent the various University teams. As usual the College Annual Sports evinced keen interest of all the students.

ENGINEERING COLLEGE

Number of students in each course

Second Year Class of 5-Year Integ. Course			365
Third Year Class of 5-Year Integ. Course	Civil	41	
	Mech.	118	249
	Elect.	90	
Fourth Year Class of 5-Year Integ. Course	Civil	52	
	Mech	94	260
	Elec.	114	
Fifth Year Class of 5-Year Integ Course	Civil	71	
	Mech.	92	226
	Elec.	63	
B.Sc. (Engg.) Part II	Civil	1	
	Mech.	1	12
	Elec.	10	
Post-Graduate Course (E.M. Design)		..	8
Research students in Elec. Comm. Engg.			6
		Total	1126

Number of Staff:

	Sanctioned strength	*Actual Strength*
Professors	6	5
Readers	24	17
Lecturers	47	34
Tutors & Lab. Instructors.	26	1
	103	57

4 Temporary posts of Lecturers have also been sanctioned for 2nd Year Integrated Courses in Technology (Mathematics and Physics Sections).

Changes in the staff and new appointments during the year with their dates of joining duties :

Name of Teachers	*Designation*	*Date of joining*
Elect. Engg.		
1. Shri S. C. Tripathi	Lecturer	5-3-64
2. Shri H. L. Agrawal	Lecturer (Math.)	9-7-63
3. Shri G. Rajsekhar	Reader	5-3-64
4. Shri R. D. Sen Sharma	Lecturer	6-3-64
Mech. Engineering :		
1. Shri Ram Pyare	Lecturer	9-7-63
2. Shri M. M. Dandekar	Reader	1-7-63
3. Shri P. Ramaswamy	Lecturer	1-7-63
4. Shri S. K. Gupta	Lecturer	9-7-63
5. Shri Arun Jyoti Roy	Lecturer (transfered from Civil Engg. Dept.)	21-11-63
Civil Engineering :		
1. Shri B. D. Nautiyal	Lecturer	6-3-64
2. Shri C. K. Arora	Lecturer	10-3-64

Changes in the courses, syllabus etc :

No change have been made in our existing courses during the session 1963-64.

To meet the country's need of the Technical personnel, our intake capacity has been increased from 270 to 350 for admission in the 2nd Year class of 5-Year Integrated courses in engineering as per decision of the U.G.C. and the Ministry of Education. The actual number of students admitted this year was 396 out of which 239 came after passing their 1st year exam. of 5-Year Integ. Course and for the remaining 157 seats, the selection was made out of 1594 applications received from all over the country.

A Post-Graduate Course in Electrical Machine Design of 15 months' duration was started from 1957. On the recommendations of the Post-Graduate Research Committee, we are starting from the next session, additional Post-Graduate courses

along with the existing one, of two years' duration in the following subjects :—

(a) Electrical Engineering with following electives :—
  (i) Power System Engineering
  (ii) Applied Electronics and Servomechanisms
  (iii) Electrical Machine Design (already existing)

(b) Mechanical Engineering with following electives :—
  (i) Machine Design.

(c) Civil Engineering with following electives :—
  (i) Hydraulics and Hydraulic Structures
  (ii) Soil Mechanics and Foundation Engineering

This year 8 students have been admitted to the Post-Graduate Courses in Electrical Machine Design and the classes were started in the 3rd week of August, 1963. Last year 10 students appeared at the final examination for the Degree of M.Sc. in the above course, out of which 9 have passed in First Division and one in 2nd Division. This year 10 students have appeared at the final examination for the M.Sc. Degree (Elec. Machine Design). out of which, 6 have passed in First Division and one in Second Division and the result of 2 students is not yet declared.

The following are the results of B.Sc. (Engg.) Part II and 5th Year Integ. examinations, held in April 1963 and Feb./March, 1964. respectively :—

Year	*Branch*	*Students appeared*	*Students passed*	*% of passing*
1964				
B.Sc. (Engg.)	Civil	1	1	100%
Part II.	Mech.	1+2	1+2	100%
	Elec.	10+1	9+1	90.9%
1964				
Fifth Year	Civil	71	71	100%
Integ. course	Mech	92	91(1 sup.)	98.9%
	Elec.	63	63	100%

For the Degree Course, the Government of India have adopted a Merit-cum-Means Scholarship Scheme since July 1959 and under this scheme, 34 scholarships have been allotted to this College for award to the 2nd Year Integ. students in the current session.

Upto 1960-61 session, 5-Years Craftsmanship course was running in our Workshops, but since July 1961, 3-Year Craftsmanship course has been introduced and 93 students have been admitted in July 1963 in different trades, i.e. (1) Mechanical Draftsman (2) Civil Draftsman (3) Electrician and Moulder, Smithy, Machinist, Fitting, etc. The total number of students in the above courses are 311 in this session.

We have facilities for Research in our Electrical Communication and Electrical Machine Laboratories and 6 scholars are now working on a variety of subjects like, Electronics, Radio Microwave Technic and Ionospheric conditions over Indian latitude. So far 12 students have obtained their Doctor's Degree in Radio Communication. It deserves special mention here that for the First Time 2 students have been awarded Doctor's Degree in Electrical Engineering this year at the Convocation held on 24th December, '63.

Research work and Publications :

The work on Electronic Instrumentation was continued and was extended to transistorized instruments. Characteristics and parameters of super-alpha composition transistors were studied in details. Matrix analysis was used for obtaining the expression for admittance parameters of composite transistors in terms of the parameters of the consistent transistors. The general admittance matrix for a pentode network in grounded cathode configuration has been worked out for the pentode as an active element.

The story of the irregularities in the ionosphere and the propagation characteristics of microwaves was continued. The vertical and horizontal dimensions of the irregularities were determined. A 3 c.m. microwave oscillator was designed and constructed for the purpose of investigating the effect of water particles on the propagation of microwave.

The following papers were published during the year under review :

1. Admittance Parameter of Super-Alpha composite Transistors-Indian Journal of Pure and Applied Physics, 1,358, 1963.
2. The admittance parameter of general pentode network, Electronic Engineering, 38, 829, 1963.

One Research Scholar was admitted to the Degree of Ph.D. on his Thesis on the "Study of the irregularities in the F-2 region of the Ionosphere."

A book on "Design and Development of Electronic Instruments" was published.

Facilities exist for Research work in the Radio Communication and Electrical Machine Design Laboratories Six research scholars are at present working on various problems relating to Electronic Instrumentation, Microwave technique and the irregularities in the Ionosphere So far 12 students have been awarded the Ph.D. degree in Radio Communication and two students have been awarded the Ph D Degree in Electrical Engineering Four Research Scholarships are being continued from the Government of India for carrying out researches on Radio and Electronics.

Distinguished Visitors ·

1. Shri Sri Prakash, Ex-Governor, Maharashtra State
2. Prof. Dr. Nechleba Miroslav, Tech. University Brno U voz., Czechoslovakia
3. Shri S. S. Kumar, Director General, Developments, Govt. of India, New Delhi
4. Dr. S P. Luthra, Indian Institute of Technology, Delhi
5. Shri M. N. Dastur, M/s. Dastur & Co., Calcutta
6. Dr. W. Railston, Scientific Adviser, Deptt. of Tech. Cooperation, London.

As usual, the College Day was held on 21st December, 1963 this session and Shri M. R. Chopra, The Chairman, Central Water & Power Commission, Government of India, was the Guest of Honour :

The amount spent during the year 1963-64 is as detailed below,

Equipment & Furniture	Rs. 1,09,067
Buildings	„ 20,000
Books	„ 55,000
Total non-recurring expenditure	„ 1,84,067
Total recurring expenditure	„ 13,31[illegible]

We have put our proposals for grants in connection with the increased intake of 50 students for this session under emergency and hope this grant will be forth-coming soon.

While expressing gratitude to the Government for their grant, it may be mentioned that the enormous rise in the prices of special apparatus and Lab. equipments as well as their non-availability makes it difficult to procure the necessary requirements for the laboratories even with the exercise of utmost economy and considerable perseverance. We also find great difficulty in utilising the funds owing to the restriction of Import Licence. A scheme for setting up a High Voltage Laboratory has been delayed owing to increase in price of the equipment and for additional grant required for construction of the Building.

The following 3 permanent members of our Teaching Staff are prosecuting their Higher studies and Training abroad :—

Department of Mechanical Engineering :

1.	Shri M. S. Narasimhamurthy	Czechoslovakia
2.	Shri P. C. Pandey	U.K.
3.	Shri Ashok Kumar	U.S.A.

Further, the following 9 members of staff have proceeded this session for higher studies at different places in India and abroad :—

Department of Electrical Engineering

1.	Shri M. Bhattacharya	U.K.
2.	Shri A. N. Tripathi	I.I.T., Kharagpur
3.	Dr. A. B. Bhattacharya	Russia

Depaertment of Civil Engineering

Shri V. S. Raju	West Germany

Department of Mechanical Engineering

1.	Shri R. M. Srivastava	U.S.A.
2.	Shri S. N. Kohli	U.S.A.
3.	Shri P. Ramaswamy	U.K.
4.	Shri M. Balachandra	I.I.T., Bombay.

In addition, Shri Jagdish Prasad of Electrical Engineering Department has been awarded a Polish Government Scholarship.

for advanced studies there and he is likely to start for further studies soon.

After a stay of nearly 2½ years in Russia, Shri G. Rajsekhar has returned in December, 1963 after doing specialized studies in Electrical Machines and Control System

With the introduction of the Integrated course, our increased intake, and the introduction of recent developments in engineering field, in our curriculum, it is felt that tutorial and seminar system should be introduced to maintain reasonable standards.

BENCO ATHLETIC ASSOCIATION

The athletic activities of the Engineering College started on the opening day with the game of football.

We have had another triumphant year in the field of sports inspite of the acceleration of courses. We had, in short, dominated the sports activities this year. Our sportsmen as befitting those dedicated to the attainment of high standards, have always put their trust in intensive practice in the past. Even though one might conceive that the time at the disposal was short, our sportsmen this year, did not put in even the minimum practice so necessary to achieve the desired standard. Consequently, the standard in certain games has dropped down. Coming to the brighter side of things, there had been an infusion of fresh blood into all ranks of sports, and we hope they will bring fresh laurels in the years to come.

Mention must be made of the setting up of the "Central Colour Award Committee", which consists of seven staff members. The system is to be highly commended for establishing for the first time an accurate and impartial measure of a sportsman's prowess. But unless every member of the committee takes a keen and active interest, this scheme may not be successful at all and might end in a flop. The presence of a staff-member will definitely prove to be a vital source of inspiration in boosting the morale of the sportsmen.

The activities in various games were as

Football

We have retained the Inter-Collegiate League Tournament for the third year in succession. We contributed as many as five players in the University team. They are: D. K. Palit, S. K. Satapathy. Adip Das, D. Moitra and D. Roy.

J. J. Ghosh was once again selected for the U.P. State Team. Special mention must be made of D. Moitra and Deepak Roy of Second year Integ. class who represented the U.P. State Junior Team. The experienced final years won the Inter-Class tournament.

Cricket:

Our strong cricket team maintained its reputation by annexing the Inter-Collegiate League Championship for the sixth year in succession. In the final match, we routed the college of Technology. S. K. Satpathy in this match had the unique bowling feat of taking 9 wickets for only 37 runs the tenth being retired hurt, thus depriving him of the distinction of capturing all the ten wickets. We also won the Dr. Daya Swarup's Trophy which we have been winning since its introduction last year. We contributed more than half the University panel. They are S. K. Sharma; Y. S. Moorthy, A. M. Godiwalla, S. Shankaran, U. Sood, Jayant Kumar, C. Gairola and K. Srinivas.

U. Sood was selected the University Captain.

S. Sankaran had the credit of scoring a double century in the Inter-University Cricket tournament, here at Banaras.

S. K. Satapathy was once again selected to represent the U.P. State Team in the Ranji Trophy Tournament.

Basketball:

Basketball has had a very successful season. We have maintained past traditions and were second to none. We had the distinction of winning both the Inter-Collegiate and the Charles' King Memorial tournaments. We contributed as many as five players to the University panel. They are: Dalbir Singh, Brij Kalra, Dinesh Verma, G. L. Laiker and R. D. Kumar.

Dalbir Singh was selected University Captain.

Our University reached the North Zone finals of the Inter-varsity Championships and Brij Kalra gave an outstanding performance. This year the students and staff have donated the Runners-up trophy for the Charles King Memorial Tournament.

The Second year Integ won the Inter-Class championship.

Tennis:

Tennis continued to be the most popular game and we maintain the largest number of Tennis Courts in the University. We contributed five out of six University players They are: Kapil Razdan, N. Framji, P. R. Nair, S. Rajkhowa and R. C. Arora. K. Razdan captained the University Team. The team has been fairly well reinforced by the addition of a few new talents and we hope to dominate the game in the years to come. In the Inter-Collegiate Championships, we expect to win without difficulty.

Kabaddi.

It is a pity that this year there was little or no practice in this game. We, however, contributed two players to the University Team. They are P. Sitaramaiya and V. P. Gupta. Final years won the Inter-Class tournament.

Hockey:

We have a fairly good team this year, but our boys could not show their worth, the Inter-Collegiate tournament not being held. We have reached finals of the Seshadri Hockey Tournament. We expect to win it comfortably.

A. K. Puri, Satwant Singh, A. P. Singh, Utpal Dar and Suresh Singh represented the University Team.

The experienced final years won the Inter-class Championship.

Volleyball:

In volleyball, we have not fared very well this year, being eliminated in Semi-finals in the Inter-Collegiate Championship.

Sudhakar Dubey represented the University. Final years won the Inter-Class championship.

Baseball :

Freshers have shown a keen interest in the game this year. We have the distinction of winning the Inter-Collegiate Championship every year since the introduction of the game in the University four years back.

S. G. Bhawnani, R. S. Adige, S. K. Dhawan and S. Shankaran were included in the University panel.

The final year students won the Inter-Class championship.

Sports :

Sports still continues to be the only game with a deplorably poor standard. We are yet far behind to come up to a matching standard with other games.

A. Bhola and S. N. Gupta shared the College championships.

Badminton :

This is another game where we are yet to reach a good standard, though our college provides excellent facilities for every possible improvement.

V. K. Gupta won the college Championship and A. K. Trivedi and A. P. Modi won the open doubles.

V. K. Gupta and S. N. Sabharwal were in the University Panel. Final years won the Inter-class Championship.

Swimming and Boating :

S. L. Dhupar was included in University panel.

Table-Tennis :

We had a meek season this year due to non-availability of Table Tennis Balls. Inspite of this handicap, our boys must be congratulated for winning the Inter-Collegiate Championship after a lapse of 7 years. We have contributed more than half of the University panel as many as five. They are—P. R. Rao, Tapan Bhattacharya, Ikbal Hazarika, S. Rajkhowa and S. Madan.

Iqbal Hazarika was selected the University Captain. We regret very much for not being able to conduct our annual noteworthy feature, the Principal Philpot Memorial Open Table Tennis Tournament due to non-availability of balls.

N. K. Choudhury was selected University Captain.

Here is the award of college in various games :

Football :

D. Moitra and Virendra Singh.

The colours of D. K. Palit, J. Ghosh and Adip Das were renewed.

Cricket :

Jayant Kumar.

The colours of A. M. Godiwalla, S. K. Satapathy, S. Shankaran and U. Sood were renewed.

Basketball :

Brij Kalra and S. K. Mathur.

Tennis :

The colours of Razdan, Framji and Rajkhowa were renewed.

Kabaddi :

P. Sittaramaiya's Colour was renewed.

Hockey .

The colours of A. P. Singh, Utpal Dar, A. K. Puri and S. Singh, were renewed.

Volleyball :

A. V. Patheria.

Baseball :

Shankaran, Dhawan, R. S. Adige. The colour of S. Bhawanai was renewed.

Badminton :

A. K. Trivedi, A. P. Modi, V. K. Gupta's colour was renewed.

Table-Tennis :

The colours of P. R. Rao and I. Hazarika were renewed.

Our sportsmen, on the whole, have won six out of ten Inter-College Tournaments played so far. We have contributed as many as five University Captains and three State Players.

ENGINEERING COLLEGE LIBRARY

1. Nature of Collection	Scientific (Pure Tech. and General)	
2. Cataloguing system	Dictionary type of Catalogue	
3. Classification	Dewey Decimal classification	
1. Assess	Open shelve system	to reorganise the scheme by introducing Colon classification Scheme, with classified catalogue
2. Books		

(1) Particulars	(2) Books	Periodicals	(1) Manuscript	Others	Total
A. No at the beginning of the year (1963 April)	12604 (only books & not the bound periodicals)	119	...	130	12853
B. No added during the year	1156	36	...	10	...
C. Total No. at the end of the year	13760	155	...	140	140[illegible]5

3. Library Staff — Five only
   (a) Professional — One Trained Asstt. Librarian
   (b) Non-Professional/Clerk — Two counter clerks
   (c) Peons — Two Library peons

4. Grant and expenditure—

Items	*Amount*	
(a) Recurring grant	Rs. 15,000/-	Utilized
(b) General Grant	Rs. 3,500/-	
(c) Text Book grant for the Engg. College Library	Rs. 1,000/-	
(d) Non-Recurring Grant (Consolidation grant)	Rs. 30,000/-	
(e) U.G.C. Grant for 5 years (Ad Hoc grant special grant)	Rs. 21,000/-	Balance about Rs. 7,400/-

5. Working hours 67 hours per week.

COLLEGE OF MINING AND METALLURGY

Department of Mining

Number of students in each course :

II Yr. Integ. Mining Engg.	39
III Yr. Integ. Mining Engg.	39
IV Yr. Integ. Mining Engg.	30
V Yr. Integ. Mining Engg.	33
Ph.D. in Min. Engg.	1

Number of Staff :

	Sanctioned strength	*Actual strength*
Professors	2	2
Readers	2	2
Lecturers etc.	9	8+1 temporary
Instructors	2	2

New appointments during the year with their dates of joining duties :

Shri P. N. Jogi joined as temporary lecturer in Engineering Drawing on 25-11-1963.

Changes in the courses, syllabus etc. :

Post-graduate courses in Coal Mining and Metalliferous mining for the degree of M.Sc. in Mining Engineering were framed

and passed by Academic Council. The demands for the same have been submitted to the University Grants Commission.

Research work and Publications :

A. *Research work :*

The Research work was taken up on the following problems.

(i) Coaldust Explosions.

(ii) Extraction of thick coal seams with particular reference to Indian conditions.

(iii) Behaviour of plumb-bob in mine shafts.

(iv) Supression of coaldust.

(v) Possibility of keeping the line of collimation horizontal with the help of a regulator.

B. *Publications :*

Blasting mechanics by Prof. S. S. Saluja jointly with Prof. Clark of the University of Wisconsin, U.S.A., in the Transactions of American Institutions of Mining, Metallurgical and Petroleum Engineers, New York.

Distinguished visitors :

(*a*) Hon'ble Shri C. Subramaniam, Union Minister for Steel, Mines & Heavy Engineering.

(*b*) Dr. Evastafiev, Deputy Director, UNESCO, New Delhi.

(*c*) Prof. Polkin of U.S.S.R.

(*d*) Prof. Fleming of U.K.

(*e*) Prof. Z. Hokao of Japan.

(*f*) Dr. T. Opoloski of Poland.

(*g*) Director, Karpuk of Poland.

(*h*) Prof. R. S. Brittain from Canada, now at I.I.T., Kharagpur.

(*i*) Mr. B. B. Mukherjee.

Sports and games :

The guiding principle of the organization of games and sports has been based on the axiom by De Coubertin, "THE IMPORTANT THING IN THE OLYMPIC GAMES IS NOT TO WIN BUT TO TAKE PART, and this College has provided ample opportunity for development of interest in Sports and Games.

The Department started well in this sphere and the students actively participated in all the games and sports. In the Inter-College Tournaments, the department was runners up both in Volley-ball and Base Ball. Due to the outstanding performance in various games and sports, Messrs K. K. Manchanda and B. P S. Panwar were awarded College Blues and 18 colours have been awarded in various games and sports. Mr. K. K. Manchanda was a State Player in Cricket and Messrs P. Biswas and N. M. Mehra were selected to represent the University in cricket. The following students from the department were elected the University Captains for the respective games.

1. Mr. R. C. Gulati for Kabaddi
2. Mr. R. Banerjee for Hockey.

Four colleges participated in the Dr. Swarup Inter-College Cricket Tournament. The winners and runners up for the same are the Engineering College and the College of Technology respectively.

Social and Extra-Curricular activities

The Mining Society was quite active throughout the session and in addition to the papers read by the students, special lectures were delivered by the following eminent Mining Engineers:

1. Mr. Kasperck—Director of a coal mine, Poland.
2. Dr. Opoloski—Professor, Technical University, Poland.
3. Prof. R. S. Brittain—(from Canada) Guest Professor at I.I.T., Kharagpur.
4. Mr. B. B. Mukherjee—Colliery Manager Agent.

General Remarks:

1. Prof. Z. Hokao of Tokyo University, Japan, was invited as Holkar Visiting Professor in Mining and delivered lectures to the senior Mining students on prospecting for Undersea mining of coal and Hydraulic mining of coal in Japan.

2. We had the honour of conducting the six-week Regional Training Course in Ore Dressing for Asian Countries from Decem-

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2. We had the honour of conducting the six-week Regional Training Course in Ore Dressing for Asian Countries from Decem-

ber, 1963 to January, 1964 sponsored jointly by the UNESCO AND OUR UNIVERSITY.

The course was inaugurated on the 16th December, 1963 by Shri C. Subramaniam, Union Minister of Steel, Mines and Heavy Engineering, and was attended by about 25 participants from Burma, India, Indonesia, Iran, Japan, Korea, Malaysia, Nepal, Philippines and Thailand. Dr. M. P. Netarwala, Principal, College of Mining and Metallurgy, acted as the local Director and Prof. Polkin from U.S.S.R. and Prof. Fleming from U.K. as Co-Directors.

Department of Metallurgy

Number of students in each course :

II Year Integrated B.Sc. (Met. Engg.)	69
III Year Integrated B.Sc. (Met. Engg.)	62
IV Year Integrated B.Sc. (Met. Engg.)	57
Final Year B.Sc. (Met. Engg.)	51
M.Sc. (Met. Engg.) Previous	12
M.Sc. (Met. Engg.) Final	3
Total	254

New admissions were made in II Year Integrated B.Sc. (Met. Engg.) and M.Sc. (Met. Engg.) Previous, the number of students admitted being 9 and 12 respectively. For the II Year Integrated B.Sc. (Met. Engg.) course, 61 students were taken from the I Year Integrated class and 9 were selected from 327 applications received from all over the country. For M.Sc. (Met. Engg.) previous, the number of applications were 55.

Number of Staff :

	Sanctioned strength	*Actual strength*
Professors	2	2
Readers	6	6
Lecturers	9	9
Associate Lecturers	6	6

Changes in the staff :

Prof. G.R. Bashforth continued in the Department of Metallurgy as Holkar Visiting Prof. of Ferrous Production Metallurgy.

Prof. G. R. Piercy of the Canadian Atomic Energy Commission joined the Department of Metallurgy on 13-2-1961 as Visiting Professor of Physical Mettallurgy under the Colombo Plan for a year.

Shri S. L. Malhotra and Dr. S. Misra joined the Department of Metallurgy as Readers and Messrs. P. Rama Rao and D. S. Sarma joined the Department as Lecturers in Mettallurgy and Mr. G. S. Upadhyaya as Pool Officer under C. S. I. R. Scheme.

The following staff members left the Department during the session :

1. Dr. D. Kumar, Reader
2. Dr. V. D. Sehgal, Lecturer
3. Mr. A. K. Mohanty, Lecturer
4. Mr. G. J. Rana

Distinguished Visitors :

1. Dr. M. Ichinoe, Chief Metallurgist-in-Charge of the Steelmaking Research Institute, Yawata Technical Research Institute.
2. The Soviet Steel Expert Mr. Orlov and the Russian Lady Interpreter at Bhilai Technical Institute.
3. Prof. Werner Koester, Director, Max-Planck-Institute fuer Metallforschung, Stuttgart.
4. Shri C. Subramaniam, Minister of Steel and Heavy Industries, Govt of India, *New Delhi.*
5. Shri M. S. Thakar, Govt. of India, Ministry of Scientific Research & Cultural Affairs, *New Delhi.*
6. Dr. V. Chandrashekharan, S.S.O. (Gr. I), Defence Research Lab., P.O. Ichapore, *Nawabganj (West Bengal).*
7. Dr. P. K. Kelkar, Director, Indian Institute of Technology, P. B. No. 239, *Kanpur.*
8. Dr. V. Ramakrishna, Head of the Department of Chemistry, Indian Institute of Technology, Haus Khas, *New Delhi-16.*
9. Dr. Subba Rao, Head of the Department of Met. Engg., Indian Institute of Technology, Post Box No. 239, Kanpur.
10. Dr. E. G. Ramachandran, Head of the Department of Metallurgy, Indian Institute of Technology, *Madras 30.*

Practical Training :

160 students were sent for practical training in 50 well established metallurgical works.

Supervision of Practical Training :

Prof. S. K. Dikshit and Shri R. P. Wahi supervised the practical training of students during the 1964 summer vacation.

Staff Training :

Shri K. C. Jain went on practical training in Spectroscopy at the Atomic Energy Establishment Trombay, Bombay.

Research Activities :

I. RESEARCH UNDER THE GUIDANCE OF DR. T. R. ANANTHARAMAN, PROFESSOR AND HEAD OF THE DEPARTMENT

1. "Study of X-ray Line-Broadening in Metals and Alloys" by Shri P. Rama Rao, Lecturer and Ph.D. candidate

A comprehensive analysis of X-ray line breadths in deformed aluminium, nickel and cobalt has been made and the method followed is shown to be reliable in arriving at individual contributions from the three well-known causes of line broadening. The broadening in the case of deformed aluminium is satisfactorily accounted for on the basis of prepondering lattice strain. In the case of nickel and cobalt, deformation stacking faults and isotropic lattice strain are shown to be the main causes of X-ray line broadening.

X-ray line breadth analysis has also been suggested for arriving at growth and deformations stacking fault parameters in hexagonal structures. On the basis of the method suggested, faulting in many specimens of transformed cobalt has been examined.

Line broadening in copper rolled to a range of 50 to 85 per cent reduction in thickness has also been investigated. The results show that the broadening can be primarily attributed to an isotropic distributions of lattice strain. With increasing deformation, elastic strain energy shows saturation.

The following papers have been published on the work during this half-yearly period :

(a) "X-ray line-Breadth Analysis of deformed Metallic Structures" by P. Rama Rao and T R. Anantharaman, Zeitschrift fuer Metallukunde, *54*, (1963) 658.

(b) "X-ray Line-Breadth Analysis of Growth and Deformation Faulting in Hexagonal Close-packed Structures", by P. Rama Rao and T R Anantharaman, Proceedings of the Indian Academy of Sciences, *58*, (1963), 314.

(c) "X-ray Line-Broadening in Cold-Rolled Copper " by R. K. Mahapatra, P. Rama Rao and T. R. Anantharaman, Transactions of Indian Institute of Metals, December, 1963.

In addition, a paper entitled 'Imperfections in Copper-Silicon Filinngs, has been prepared for presentation at the Seventeenth Annual Technical Meeting of the Indian Institute of Metals at Bombay early in January, 1964.

2. *"Structural Irregularities in Metals and Alloys" by Shri S. D. Singh U.G.C. Research Fellow and Ph.D. candidate :*

A systematic study of structural irregularities in deformed f.c.c. metals and alloys has been planned. The (111), (200), (311) and (222) reflections of briquetted copper filings were recorded in the X-ray Diffractometer. The fresh filings gave a value of 3.6×10-3 for the deformation stacking fault probability on the basis of peak shifts of X-ray reflections. A preliminary line-breadth analysis has indicated the preponderent influence of isotropic lattice strain.

3. *"Ageing Characteristics of Al-Zn-Mg Alloys" by Shri R. P. Wahi, Lecturer and Ph.D. candidate :*

Al-Zn-Mg alloys of different composition prepared from Indian commercial aluminium have been subjected to ageing studies. The ageing characteristics of the alloy have been studied at five different temperatures viz. room temperature, 100°C., 150°C., 200°C. and 250°C. These results will be correlated with structural changes as revealed by metallographic, X-ray and electron-microscopic examination.

4. *"X-ray Study of Deformed Metals and Alloys" by Shri Shrikant Lele, U.G.C. Research Fellow and Ph.D. candidate :*

A systematic study of imperfections in cold-worked h.c.p. metals and alloys has been planned.

The X-ray reflections from annealed and cold worked magnesium were recorded in the X-ray Diffractometer. The analysis of these reflections has shown that lattice strains are primarily responsible for the observed broadening of X-ray reflections from cold-worked magnesium. There was no evidence for the incidence of stacking faults on deformation.

5. *"Studies on Cold Work and Annealing of Metals" by Shri D. S. Sarma, Lecturer and Ph.D. candidate :*

Attempts are being made to study the metallographic features of the cold-worked and annealed structures in several f.c.c. metals, especially aluminium, copper and ni kel and their respective alloys. The metallographic and mechanical testing is being supplemented by X-ray diffraction studies.

6. *"Structural Changes in Copper-base Alloys" by Shri S. Srinivasa Rao, U.G.C. Senior Research Fellow and Ph.D. candidate :*

Following earlier work on the structural changes in brasses on quenching and tempering, work on the determination of the alpha (alpha plus beta)—beta phase boundaries in the copper-zinc system below 400°C., has been carried out by means of X-ray diffraction work and metallographic examination.

A paper entitled "X-ray study of the structure of Muntz Metals" has been prepared for presentation at the 17th Annual Technical Meeting of the Indian Institute of Metals at Bombay early in January, 1964.

7. *"Recovery in Copper Solid Solutions" by Shri A. P. Rama Mohan, M.Sc. (Met. Engg.) student :*

Recovery of X-ray line-broadening, hardness and tensile strength in heavily deformed copper solid solutions of approximately the same electron/atom ratio, but containing zinc, aluminium or silicon has been investigated. The analysis of recovery of line broadening is expected to bring out the rates of recovery of deformation stacking faults, lattice strains and

domain sizes. A correlation of these with the variation in hardness and tensile strength is expected to throw light not only on the phenomenon of recovery in these alloys but also on the structure of the cold-worked metal.

8. *"Influence of Plastic Deformation on the Ageing Characteristics of Some Aluminium Alloys" by G. M K. Sarma, M.Sc. (Met. Engg.) student.*

A study of age-hardening characteristics of Al—4.2% Cu and Al—3% Zn—1.4% Mg alloys subjected to different deformations by compression prior to ageing has been undertaken. *Metallographic investigations and tensile tests in addition to the* conventional determination of Hardness Vs Ageing time curves are being carried out. A correlation of the results is expected to reveal the exact influence of prior deformation on the mode and kinetics of precipitation in these alloys.

II. Research under the Guidance of Prof. G. R. Bashforth, Visiting Professor of Ferrous Production Metallurgy

1. *"Study of the Characteristics of Turbulent Jet Mixing" by Shri S. K. Dikshit, Reader:*

A modification of the hot wire anemometer technique to measure the local velocities in the jet was tried A couple of trial runs has given encouraging results.

2. *"Dephosphorisation and Decarburisation of Pig Iron in a Side-Blown Converter" by Shri S. L. Malhotra, Lecturer and Ph.D. candidate:*

Research is being co ducted on dephosphorization and [illegible] plant scale, laboratory-scale flow pattern studies are also being undertaken.

A paper on "Dephosphorisation in a Basic-lined Side-Blown Converter" by S. L. Malhotra, D. Kumar and G. R. Bashforth, has been prepared for the presentation at the Annual Meeting of the Indian Institute of Metals at Bombay in January, 1964.

3. "Size Beneficiation of Indian Iron Ores" by Shri S. K. Dikshit :

The construction of Drum Pelletizer is complete and the construction of Disc Pelletizer is almost complete. One run was made on the Drum Pelletizer and pellets were obtained. Further work is continuing.

4. "Study of Factors Affecting Ingot Structures" by Shri S. K. Jain, M.Sc. (Met. Engg.) student :

The candidate hopes to finish his experimental work on the above problem and complete his dissertation in two months.

5. The following articles by Prof. Bashforth have been published in the British Press :

1. Pilot Plants in Training and Research.
2. Bokaro
3. Development of the Indian Iron and Steel Industry.
4. The Bokaro Steel Probject.

III. Research under the Guidance of Shri S. K. Dikshit, Reader in Process Metallurgy

1. "Production of Sponge Iron (Shri S. L. Malhotra as Co-supervisor) by Shri P. N. Sharma, Senior Research Fellow, Defence Scheme :

Modifications in the design of the Pilot Plant for the Wiberg Process of Making Sponge Iron were made and the Plant erected according to the modifications at its new site. Runs were made and in the light of the experience, a programme of further work has been chalked out.

2. Effect of size distribution on the rate of gasification in a conventional Gas Producer with the help of a small model using naphthalene. Runs were made by Final Year students and some good results obtained. The work will progress further.

IV. Research under the guidance of Dr. S. S. Khanna Reader in Process Metallurgy (Foundry Metallurgy)

1. "Investigations of Indian Bentonites" by S. V. Rao, Lecturer and Ph.D. candidate :

Bonding properties of Indian moulding materials have been determined under varying conditions. Special tests have

been carried out on surface properties, effect of activation and scabbing tendencies of Indian clays. The apparatus for differential thermal analysis is under design and construction.

2. The following Review papers of Dr. Khanna have been published :

(a) "Casting Design Constructions," Eastern Metal Review, Vol. XVI, No. 2, 15th August, 1963.

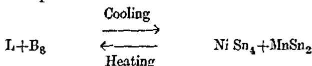
(b) "Recent Trends in the Development of Moulding Processes" Engg. Times and Foundry News, Vol. VI, No. 11, Nov., 1963.

(c) " A Study of Mallaeable Iron", Construction and Electrical Engineer, Vol. V, 11, 1963.

V. Research under the Guidance of Dr. S. Bhan, Reader in Physical Metallurgy (X-Ray Metallurgy)

1. *"Structural Changes in Alloys of Transition Metals with Elements of 'B' Group" by Shri K. C. Jain, Senior Research Fellow and Ph.D. candidate :*

The subternary system Sn-$MnSn_2$-Ni_3Sn_4 has been experimentally worked out by metallographic and X-ray diffraction techniques as also by thermal analysis. The phase boundaries in this system have been fixed at room temperature. The existence of peritectic reactions



$$L+B_8 \underset{\text{Heating}}{\overset{\text{Cooling}}{\rightleftarrows}} Ni\,Sn_4+MnSn_2$$

has been established and its reaction plane has been fixed at 461±5°C. The composition of the intermediate phase $MnSn_2$ ($CuAl_2$ type) has been confirmed. The solubility of nickel in $MnSn_2$ phase in the quasi-binary $Ni_3\,Sn_4$-$MnSn_2$ system has been established as about 3 at.% at room temperature. The homogeniety range of the intermediate phase Ni_3Sn_4 based on B_{35} structure, is found quite large and extends upto about 7 at. % on the Ni_3Sn_4-$MnSn_4$ line.

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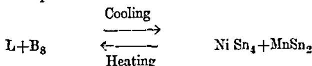
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A paper entitled "The System Sn—$MnSn_2$-Ni_3Sn_4 "by K. C. Jain and S. Bhan was prepared for presentation at the 17th

Annual Technical Meeting of the Indian Institute of Metals at Bombay early in January, 1964.

2. *"Age-hardening Copper-Nickel-Silicon Alloys" by Shri R. A. Tewari, Senior Research Fellow :*

The Cu-Ni-Si alloys are known for high strength and high conductivity. The present investigations were planned to find out to what extent the properties of the low nickel alloys can be improved by alloying additions. The effects of small additions of aluminium, magnesium, manganese and chromium on the ageing behaviour of copper-nickel-silicon alloy containing 1.2 % nickel and 0.2 % silicon have been studied. Aluminium additions are found to improve the ageing response of the alloy only in very samll quantities. Magnesium when added upto 0.2 % brings a slight improvement in the alloy. Manganese and chromium are also found to improve the ageing response of the alloy to a marked extent.

A paper entitled"The Effect of Small Alloying Additions on a Cu-Ni-Si Alloy" was prepared for presentation at the 17th Annual Technical Meeting of the Indian Institute of Metals at Bombay early in January, 1964.

VI. Research under the Guidance of Dr. K. C. Tripathi, Lecturer

1. *"Studies on New Corrosion Inhibitors of Steel" by Sri V. S. Agrawala, C.S.I.R. Research Fellow and Ph.D. candidate*

A new vapour phase inhibitor has been found out and a mechanism for its functioning has been suggested.

A paper on "Studies on Corrosion and Inhibition by Polarisation" by V. S. Agarwala and K. C. Tripathi was prepared for presentation at the Annual Technical Meeting of the Indian Institute of Metals at Bombay early in January, 1964. Another paper on "New Corrosion Inhibitors " by V. S. Agarwala and K. C. Tripathi was prepared for presentation at the Commonwealth Defence Science Symposium at Kanpur in January, 1964.

VII. An analogue computer (Thermal analyzer) has been designed by Shri S. K. Dikshit having 40 resistance net-work points. The resistance net-work has been constructed. The potentiometer construction is in progress.

VIII. Investigations to determine the optimum conditions regarding the size, distribution and rate of blast rate for maximum rate of gasification in a conventional gas producers with the help of a model using napthelene pieces are in progress in the Fuels and Furnace Technology Laboratory under Shri S. K. Dikshit's supervision.

Symposia, Conventions and Special Lectures ·

At the recently concluded Annual Technical Meeting of the Indian Institute of Metals at Bombay, this Department presented nine papers, the number being the largest for any metallurgical institution in the country. These papers were presented by the authors, namely Dr. T. R. Anantharaman, Dr. S. Bhan, Messrs, S. L. Malhotra, P. Rama Rao and V. S. Agarwala. In addition, Dr. D. Kumar and Dr. S. S. Khanna presented a paper each at the Annual Convention of the Indian Institute of Foundrymen. The staff of the Department also participated in the Winter School in Advanced Methods of Crystallography and in the International Symposium on Iron and Steel-making.

At the Annual Convention of the Institute of Indian Foundrymen at Chandigarh held on 11th April, 1964, Dr. S.S. Khanna presented two technical papers viz ;

(1) Recent Advances in the Foundry Techniques Al and Mg Alloys.

(2) Investigations of Moulding Properties of Ganges Sand Bonded with Special Bentonite.

These papers evoked stimulating discussions and were adjudged to be the best papers of the year.

Dr. K. C. Tripathi represented the Department at the Commonwealth Corrosion Research Symposium held at New Delhi and Kanpur in January, 1964 where he presented a paper on "New Corrosion Inhibitors".

Academic Distinctions :

(a) *Dr. T. R. Anantharaman*

Dr. T. R. Anantharaman, Professor and Head of the Department of Metallurgy, has recently been elected a Fellow of the Indian Academy of Sciences. [illegible]

country to have been conferred this honour. During the year, Dr. Anantharaman was also elected to the Governing Council of the Indian Institute of Metals and re-nominated as an Editor of the "Transactions of the Indian Institute of Metals".

List of Publications :

1. "Accurate Evaluation of Lattice Parameters of Alpha-Brasses" by S. Srinivasa Rao and T. R. Anantharaman, Curr. Sci., *32*, 262(1963).
2. "X-ray Line-Breadth Analysis of Growth and Deformation Faulting in Hexagonal close-packed Structures" by P. Rama Rao and T. R. Anantharaman, Proc. Ind. Sciences, Nov. 1963.
3. "X-ray Line-Breadth Analysis of Deformed Metallic Structures" by P. Rama Rao and T. R. Anantharaman, Zeitschrift fuer Metallkunde, Nov. 1963.
4. "X-ray Line-Broadening in Cold-rolled Copper" by R. K. Mahapatra, P. Rama Rao and T. R. Anantharaman, Trans. Ind. Inst. Metals, Dec. 1963.
5. "Separation of Cold-work Distortion and Domain Size Broadening in Debye-Scherrer *Patterns*" by P. Rama Rao and T. R. Anantharaman (submitted to Naturewissenschaften).
6. "An X-ray Study of Structural Changes in Muntz Metal" by S. Srinivasa Rao and T. R. Anantharaman (presented at the 17th Annual Technical Meeting of the Indian Institute of Metals).
7. "Effects of Misch Metal Additions on the Properties of Aluminium and its Alloys" by R. Sharan and T. R. Anantharaman (as above).
8. "Imperfections in Copper-silicon Filings" by P. Rama Rao and T. R. Anantharaman (as above).

(*b*) *Prof. G. R. Bashforth :*

The following articles by Prof. Bashforth have been published in the British Press :

1. Pilot Plants in Training and Research.
2. Bokaro
3. Development of the Indian Iron and Steel Industry.
4. The Bokaro Steel Project.

(c) *Dr. S. S. Khanna :*

1. "Casting Design Constructions" Eastern Metal Review, Vol. XVI, No. 2, 15th August, 1963.
2. "Recent Trends in the Development of Moulding Processes", Engg. Times and Foundry News, Vol. VI, No. II, November, 1963.
3. "A Study of Malleable Iron, "Construction and Electrical Engineer, Vol V, No. 11, 1963

(d) *Dr K. C. Tripathi*

1. Radio-isotopes in Mineral Prospecting, Trans. Mining, Geological and Metallurgical Institute of India, Preprint July, 1963.
2. Studies on New Inhibitors, Commonwealth Symposium on Corrosion Research, Delhi and Kanpur, Jan. 1964, Report No. 25, Ministry of Defence, London, S.W.I.
3. A New Method of Studying Corrosion Inhibitors, presented at the IVth Seminar on Electrochemistry, Central Electrochemical Research Institute, Karaikudi, 1963.
4. Passivity of Iron, presented at the IV Seminar on Electrochemistry. Central Electrochemical Research Institute, Karaikudi, 1963.
5. Passivity of Stainless Steel presented at the IVth Seminar on Electrochemistry, Central Electrochemical Research Institute, Karaikudi, 1963.

Metallurgy Society :

The Metallurgy Society had an active programme. Throughout the year it arranged many technical as well as non-technical meetings. Among the distinguished speakers were :

1. Dr. Gerhard Derge, Visiting Professor at the I.I.T., Kanpur.
2. Dr. Werner Koester, Director, Max Planck Institute for Metallurgical Research, Stuttgart, West Germany.
3. Shri Achyut Patwardhan of the Rajghat School.
4. Dr. V. G. Paranjpe, Chief Met[illegible] T[illegible] and Steel Works, Jamshedpur.

FACULTY OF LAW

LAW COLLEGE

Number of students in each course:

LL.B. Previous	64
LL.B. Final	83
LL.M.	15
Ph.D.	6

Number of staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	2 (one on study leave)
Lecturers	9	8
Part-time Lecturers	3	4 (one person in the vacancy of lecturer)

Changes in the Staff:

The College teaching staff consisted of 15 members. Dr. Dharma Pratap joined his duties as Reader in July 1963. Sri K. N. Nayak, Reader, remained on study leave.

Changes in the courses, syllabus etc:

A new 2-year 4-term LL.B. Degree course, in place of old one, has been started w.e.f. July, 1963.

Research work and Publications:

The research publication of the members of the staff has been affected by the heavy responsibilities imposed on them in guiding over a score of students for the LL.M. and Ph.D. degrees, preparing prospectus of studies for the new course and heavy teaching load. Even so, some of the teachers participated in seminars and conferences, read papers and got their articles published in the leading journals of the country.

Sports and Games:

The students of the College took prominent part in the activities of the Athletic Association and were members of the various teams representing the Association.

Distinguished Visitors:

Under 'Current Law' lecture series, Shri T. K. Tope, Shri S. S. Nigam, David F. Cavers and among others Dr. (Mrs.) Latika Sarkar visited the college.

FACULTY OF MEDICINE AND SURGERY

COLLEGE OF MEDICAL SCIENCES

Department of Physiology

Number of students in each course :

M.B.B.S. 1st year	60
M.B.B S. 2nd Year	40

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	1	2
Demonstrators	5	5

Changes in the staff :

Dr. B. L. Jain, Lecturer in Physiology, resigned on 11-10-1963.

New appointments during the year with their dates of joining duties :

1. Dr. J. N. Bhadury, Reader in Physiology (on pay roll of the Post-Graduate Inst. of Ind. Med., Banaras Hindu University) 20-9-63.

2. Dr. R. N. Banerjee—Temp. Demonstrator 30-9-63.

3. Dr. (Mrs.) Jayanti Sachdev. Temp. Demonstrator 30-9-63.

Research work & Publications :

1. I. C. M. R. scheme under Dr. J. Nagchaudhuri.

2. Dr. S. B. Shukla was registered for M. D. degree under Dr. J. Nagchaudhuri.

3. Sri I. D. Saxena was registered for Ph.D. under Dr. J. Nagchaudhuri.

Research Scholarship :

Sri N. C. Venkatacharyulu, Research Fellow working under I. C. M. R. scheme and registered for Ph.D. under Dr. J. Nagchaudhuri—Fellowship Rs. 250/- p.m.

DEPARTMENT OF ANATOMY

Number of students in each course:

1st Year M.B.B.S.	60
2nd Year M.B.B.S.	40

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3 (including one of Post-Graduate Institute of Indian Medicine)
Lecturer	1	1
Demonstrators	3	3

Changes in the Staff:

1. Dr. A. K. Das, Demonstrator in Anatomy, resigned and was relieved on 6-2-1964.

2. Dr. A. K. Sanyal, Demonstrator in Anatomy, joined on 1-2-1964.

3. Dr. R. R. Jha, Demonstrator in Anatomy, joined on 2-4-1964.

Research work and publications :

Name of teacher	*Title of Study*	*Publication*
1. (i) Dr. Shamer Singh, Professor	(1) Causes of Congenital Malformations	Published
(ii) Dr. Shamer Singh,	(2) Congenital malformations	do
(iii) In collaboration with Dr. G. D. Singhal & Pt. D. S. Gaur	(3) The concept of Heriditary and congenital anomalies in Ayurveda	Sent for publication
(iv) In collaboration with Dr. S. P. Tewari	(4) Atlanto-Occipitalfusion	Sent for publication
(v) Dr. Shamer Singh	(5) Variation in the superior articular facets of Atlas vertebrae	Read at A.S.I.C.
(vi) In collaboration with Prof. Indrajit (Rohtak)	(6) Sexing of Clavicles	do
vii) In collaboration with Dr. K. C. Gangrade and Dr. A. K. Sanyal	(7) Production of congenital abnormalities in Rate with P 32	
viii) In collaboration with Dr. M. M. Mathur	(8) Length of small intestine in cadavers & some animals	
) In collaboration with Dr A. P. Shukla	(9) Study of the subclavian artery & its branches	
(x) do	(10) Study of recurrent laryngeal nerve	

Department of Anatomy

Number of students in each course:

1st Year M.B.B.S.	60
2nd Year M.B.B.S.	40

Number of Staff:

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3 (including one of Post-Graduate Institute of Indian Medicine)
Lecturer	1	1
Demonstrators	3	3

Changes in the Staff:

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(viii) In collaboration with Dr. M. M. Mathur	(8) Length of small intestine in cadavers & some animals	
(ix) In collaboration with Dr. A. P. Shukla	(9) Study of the subclavian artery & its branches	
(x) do	(10) Study of recurrent laryngeal nerve	

Name of teacher	Title of Study	Publication
2. Dr. M. M. Mathur	(1) Auto and Homotransplantation of pancreas in dogs	Sent for publication
Dr. M. M. Mathur & Dr. Shamer Singh	(2) Lengths of small intestines in cadavers	
3. Dr. A. P. Shukla	(1) Study of subclavian artery and its branches in collaboration of Prof. of Dept.	(a) Vision in man & birds. Published in Jour. of Med. Sciences, B.H.U.
	(2) Study of recurrent lanyngeal nerve in human cadavers in collaboration with Dr. Shamer Singh	(b) A Study of cranial capacity of Indian crania. Sent for publication.
	(3) Study of regeneration in cerebral cortex	
4. Dr. K. C. Gangrade	(4) Study of cranial capacity in Indian crania	
5. Dr. S. P. Tewari	Development of human glomus Coccygeum Lymphatic drainage of Sent for publication Diaphragm of Rabbit	

Research Scholarships :

1. Prof. Shamer Singh has been selected under the training of University College teachers under USAID programme.

2. Dr. A. P. Shukla, Reader in Anatomy (Histology), has been selected for Commonwealth scholarship.

Distinguished visitors :

Dr. M. Wharton Young, Visiting American Professor of Anatomy.

Sports and Games :

3 Staff members are active members of the Executive of the Athletic Association of College of Medical Sciences.

Social and Extra-curricular activities :

Dr. K. C. Gangrade is a famous Sitar player and took active part in cultural performances.

Department of Medicine

Number of students in each course :

M.B.B.S. III Year	23
IV Year	32
V Year	23
A.B.M.S.	51
M.D. (Ayurv.)	19
M.D. (Medicine)	6

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	9	3
Lecturers	4	6
Clinical Registrars	6	6

Changes in the Staff :

1. Dr. B. K. Gupta and Dr. A. K. Seth, Reader in General Medicine and chest diseases, resigned.

2. Dr. H. S. Bajpai has been promoted from Lecturer in Medicine to Reader in General Medicine.

3. Dr. R. S. Pande and Dr. J. P. Gupta who were working as temporary Lecturers were made permanent.

4. Dr. K. S. Dikshit, Dr. P. K. Srivastava and Dr. S. G. Jhingran have joined as temporary lecturers.

5. Dr. Gurmohan Singh has joined as Lecturer in Dermatology.

New appointments during the year with their dates of joining duties :

Lecturers :	Date of joining
Dr. K. S. Dikshit	28-10-63
Dr. P. K. Srivastava	7-11-63
Dr. S. G. Jhingran	13-11-63
Dr. Gurmohan Singh (Lecturer in Dermatology)	6-4-64
Readers :	
Dr. H. S. Bajpai (Medicine)	7-4-64
Clinical Registrars :	
Dr. Narendra Bihari	16-7-63

Research work and publications :

Name & Designation of the staff	Title of study	Method of study	Result obtained	Details of publications, if any
Dr. K. N. Gour, Professor & Head of the Department of Medicine.	(1) Diabetic Survey in population of Varanasi.	Post parndial urine and if Postur for sugar then GIT.	1551 cases studied till now. 3.02% were diabetic Males tine as cummon as formalities.	Paper read in Indian Societies of Endocrinology.
	Lectures delivered (1) Symptoms and signs of cirrhosis of liver in adult delivered in joint conference of the API in 1969. (2) Pancreatic Lithiasis lecture in joint conference of the API in Calcutta, 1969. *Paper Read* (1) Primary [illegible] Infantile [illegible]			

	har, Hydroschlinordie in 92 cases of CHF. *Books under Publication* (1) Diseases of Pentuneuner (2) Aurti Aneuryaw. (3) Prutozoae Disease.			
Dr. P. N. Somani M.D., Reader in Medicine (Cardiology).	(1) Polythiazide in the treatment of oedemas	Clinical	Polythiazide has been used in 36 edematus patients of which 26 showed satisfactory response on daily dosage of 1 mgm/day.	Paper sent to Journal of Indian medical Associntion.
	(2) Electro-cardiographic changes due to emetin.	Clinical & Experimental study (in collaboration with Physiology Department)	Continuing	
	(3) Electrocardiogram in healthy young Indian adults	Clinical	Continuing	

Name & Designation of the staff	Title of study	Method of study	Result obtained	Details of publications if any
	(4) Study of Juvenile Rheumatic mitral stenosis.	Clinical	Continuing	
	(5) Cirrhosis of liver	Clinico-Pathological study	Continuing	
Dr. R. K. Seth, M.R.C.P., D.C.H., Reader in Paediatrics	(1) Treatment of Nephrotic Syndrome in children with Prednisolone	Clinical	Twelve out of fourteen children treated have shown complete response	Paper read at Ist National Conference of Academy of Paediatrics, Jan. 1964
	(2) Aminoacid Pattern in serum & urine of children with protein Malnutrition syndrome	Clinical & Experimental in association with Prof. J. Nagchaudhuri	Continuing	Paper published in the Journal of Indian Paediatric Society, 1963
	(3) Polythiazide in the treatment of oedema	Clinical	Polythiazide has been used in 36 edematous patients of which 26 showed satisfactory	Paper sent to Journal of Indian Medical Association for publication

			ly dosage of 1 mgm/day	
	(4) Study of Juvenile mitral stenosis	Clinical	Continuung	
	(5) Cirohosis of liver	Clinico-pathological study	Continuung	
	(6) Study of Tuberculosis meningitis in children	Clinical	Continuing	
	(7) Intrapleural hydrocortisone in the treatment of tuberculosis pleurol effusion	Clinical	"	
Dr. H. B. [illegible] M.D., [illegible] in Medicine	(1) Enteric fever a review study	A study of fiftysix cases admitted in S. S. Hospital, College of Medical Sciences, was done.		Paper under publication
	([illegible]) A study of anaemia due to Ankylostomiasis and therapeutic trial Neo Bedermin and Alcoper	A detailed study of anaemia in ankylostomiasis is being done and therapeutic efficacy of Neo-[illegible] and Alcoper is under trial in the cases admitted in the S. S.	Under study	

Name & Designation of the staff.	Title of study	Method of study	Result obtained	Details of publications if any
		Hospital. So far 20 cases have been studied under this scheme.		
	(3) The therapeutic role of Intraplura Hudrocortisone in the treatment of Pleural effusi ion	So far 10 cases have been administered intrapuleural Hydrocortisone and the study is in progress.	Under study	
	(4) Toxic effects of emetine on Myocardium a clinical study	14 cases have been studied. Successive electrocardiograms have been done to record the changes.	Under stud	
	(5) A review of Thyn oid stron has been presented in the scientific session of the Indian Society of Endrocrinology of the1st April 1964.			

Dr. J. P. Gupta M.D., Lecturer in Medicine.	(1) Enetric fever : a revics study	A study of 56 cases admitted in S.S. Hospital has been done.		Paper under publication
	(2) B.M.R. Adiagnostic aid in thyrotoxicosis	Have been reviewed and studied.	B.M.R. is of limited value in diagnosis of thyrotoxicosis.	Paper read in the Ist conference of the Indian society of Endocrinology in the symposium on thyrotoxicosis.
	(3) A study of anaemia due to ankylostomiasis and threapeutic trial of Neo Bedermin and Alcopar	A detailed study of anaemia in ankylostomiasis is being done and the therapeutic efficiacy of Neo-Bedermin and Alcopar is under trial in the *cases admitted in* S.S. Hosptial. So far in 20 cases the trial has been completed under this scheme.	Under study	
	(4) Study of Tubercular meningitis in adults with the value Corticosteroids as an adjunct in tubercular meningitis	A clinical study is being made of the cases admitted at S.S. Hospital and Corticosteroids have been given along with anti-tubercular therapy.	Under study	

Name & Designation of the staff	Title of study	Method of study	Result obtained	Details of publications, if any
	(5) Study of colitis Clinical and pathological study		Will be undertaken.	
Dr. R. S. Pande M.D., Lecturer in Medicine	(1) Have published over a doz. papers in various Scientific Journals and some more will be published shortly.			(1) Indipathic hypertrophic osteoarthropathy. Current Med. Pract. March 1964.
	(2) Research work and publication since joining this college			(2) Carbondioxide Marcosis in Emphysema - Paper presented before annual conference of Ind. Association of Chest diseases, Jan. 64 and under publication in the Indian Jr. of Chest diseases.
	(3) Research work in progress			
	(a) Portal Hypertension & Cirrhosis liver	Clinco-pathological study		
	(b) Diabetic Nephro	Clinico-pathological study		

(c) pathy 'Furoxone' in the treatment of Giardiasis	Clinical *trail*	(3) Modern treatment of Respiratory failure-Jr. of *Ind. Med. Association* (under publication)
(d) Anaemias in chronic renal disease	*Haematogical* study in collaboration with Dr. B. N. *Dube*, Reader *in* Pathology	(4) Cirrhosis liver-Correlation between *structural* & functional damage—Ind. Jr. of Med. Sciences (under publication).
(e) Role of Micoren in the treatment of Respiratory failure	Clinical trial	C.S.F. Pressure in Emphysema Ind. Jr. of Med. Sciences (under *publication*)
(f) Etiology & natural history of Pericardial effusion	Clinico-pathological study	(6) Neurological manifestations of Hyperthyroidism Paper read in the *inaugural session* of Indian Society of Endocrinology
(g) Papillaedema in chronic Respiratory disease	Clinical study	

Name & Designation of the staff.	Title of study	Method of study	Result obtained	Details of publications if any
Dr. K. S. Dikshit M.D., Lecturer in Medicine	(1) Systolic murmurs and cases of sever anemia	Inpatients and outpatients cases where Hb. less than 8 gms.	Work is still continued.	
	(2) Newer Diuretics Hypertension	in Comparative evaluation of newer diuretics in hypertensives	Polythiea was most potent.	Paper read in Conference at Calcutta on "Dynamics of Diuretics"
	(3) Newer diuretics and diabetes	To reveal diabetics	Work still in progress	
	(4) Arrythmias in Gor pulmonale	E.C.G. recording in cases of Cor pulmonale	Work just started	
Dr. P. K. Srivastava M.D., D.C.H. Lecturer in Medicine	Study on Tubercular meningitis in Children	A clinical study and review of all such cases admitted and treated in Paediatric indoor of S. S, Hospital	Still contiinuing	

Dr. S. G. Jhingran M.D., Lecturer in Medicine	(1) Cirrhosis of Liver	Histo Pathological study	Continuing	
	(2) Value of "Furaxon" in the treatment of Giardiasis	Drug trial clinical trial	Continuing	
	(3) Electro Cardiograms in healthy young Indian adults	Clinical	Continuing	(1) Cirrhosis liver-correlation between structural and functional damage (2) P. A. T. with block *digitalis* toxicity case report (3) Congenital abnormalities (4) Cirrliosis liver. Paper read at Calcutta & published in Journ. 's. Phy. India

Distinguished visitors :

1. Shri Peter Hurst
2. Col. Amir Chand
3. Prof. Light Wood

Sports and games :

The department as a whole was very actively engaged in various sports and games and other extra-curricular activities.

General Remarks :

Endocrinology Society of India took birth in the Department of Medicine.

Department of Biochemistry and Biophysics

Number of students in each course :

Ist year M.B.B.S.	60
2nd year M.B.B.S.	40

Number of Staff :

	Sanctioned strength	*Actual strength*
Professor	1	—
Reader	1	1
Lecturer	1	1
Demonstrators	4	4

New appointments made during the year with their dates of joining duties :

Shri C. N. Murthy has been appointed as a Demonstrator in Biochemistry on a temporary basis with effect from 10-12-1963.

Changes in the courses, syllabus etc :

A separate section (B) of paper II (Physiology) for the Ist M.B.B.S. examination comprising 25 marks has been allotted for Biophysics theory.

Research work and publications :

(*a*) The following are working for Ph.D. Degree under Dr. A. Guha, Reader in Biophysics :

(i) Mr. C. N. Murthy, Demonstrator in Biochemistry.	Research problems Studies on the organic and inorganic substances eluted from bacterial cells after irradiation.
(ii) Miss K. Dhar, Demonstrator in Biophysics	To study the degradation of radiation induced DNA by means of molecular auto-radiography.
(iii) Miss G. Lalita. Research Scholar.	Effect of age on the radiosensitivity of the Albino rats.
(iv) Shri H. S. Verma, Research Fellow under C. S. I. R. Scheme under Dr. A. Guha.	Studies of inheritance of radiation induced and spontaneous mutation in E. coli Communior-phage system.
(v) Shri R. P. Agarwal, Demonstrator in Biochemistry.	Effect of radiation on the synthesis of Nucleic Acids and proteins.
(vi) Shri S. Singh, Research Fellow under C.S.I.R.	Thermodynamics of malignat and non malignat tissues.

List of publications during the year 1963-64 5 research publications in foreign journals during 1963.

(b) Dr. S. S. Dubey, Lecturer in Biochemistry

Research problems.

1. Studies in Phosphogens cont.
2. Some biochemical studies in cold exposed animals.

(c) Shri I. D Saxena, Demonstrator in Biochemistry. Working for Ph.D (d) Miss K. Dhar, Demosttrator in Biophysics (e) Shri R. P. Agarwal, Demonstrator in Biochemistry. (f) Shri C. N. Murthy, Demonstrator in Biochemistry.	Studies on Acid M... saccharides in ... Atherclerosis

Research Scholarship :

(i) Shri H. S. Verma, Research F... Scheme and registered for Ph.D. under Dr. A. Guha ; Rs. 250/- p.m.

Distinguished visitors :

1. Shri Peter Hurst
2. Col. Amir Chand
3. Prof. Light Wood

Sports and games :

The department as a whole was very actively various sports and games and other extra-curricula

General Remarks :

Endocrinology Society of India took birth in the I of Medicine.

DEPARTMENT OF BIOCHEMISTRY AND BIOPHY

Number of students in each course :

Ist year M.B.B.S.	60
2nd year M.B.B.S.	40

Number of Staff :

	Sanctioned strength
Professor	1
Reader	1
Lecturer	1
Demonstrators	4

New appointments made during the year with d duties :

Shri C. N. Murthy has been appo in Biochemistry on a temporary basis w

Changes in the courses, syllabus etc :

A separate section (B) of paper M.B.B.S. examination comprising 25 ophysics theory.

Research work and publications :

(*a*) The following are working f A. Guha, Reader in Biophysics :

(i) Mr. C. N. Murthy, Demonstrator in Biochemistry.	blems Stu th from h cells n.
(ii) Miss K. Dhar, Demonstrator in Biophysics.	To means auto-graphy.
(iii) Miss G. Lalita, Research Scholar.	Effect the sens
(iv) Shri H. S. Verma, Research Fellow under C. S. I. R. Scheme under Dr. A. Guha.	radiati taneous C
(v) Shri R. P. Agarwal, Demonstrator in Biochemistry.	Effect synthesis proteins.
(vi) Shri S. Singh, Research Fellow under C.S.I.R.	Tl and non-m

List of publications during the year 1963-64 .. publications in foreign journals during 1963.

(b) Dr. S. S. Dubey, Lecturer in Biochemistry

Research problems

1. Studies in Phosphogens cont.
2. Some biochemical studies in cold exposed animals.

(c) Shri I. D. Saxena, Demonstrator in Biochemistry. Working for Ph.D. (d) Miss K. Dhar, Demonsttrator in Biophysics. (e) Shri R. P. Agarwal, Demonstrator in Biochemistry. (f) Shri C. N. Murthy, Demonstrator in Biochemistry.	Studies on Acid Mucopolysaccharides in experimental Athercleros is.

Research Scholarship :

(i) Shri H. S. Verma, Research Fellow working under C.S.I.R. Scheme and registered for Ph.D. under Dr. A. Guha ; Fellowship Rs. 250/- p.m.

Sports and Games :

All the members of the Department actively participated in various College Games and Sports.

Social and Extra-curricular activities :

A member of the Department was responsible for the organisation of very successful Cultural programmes.

General Remarks :

Professor of Pharmacology was invited and delivered 3 Extension Lectures in Medical College, Agra. He has also been nominated as Reporter in the Post-graduate training Sub-Committee of the Indian Medical Council.

The department has been on the whole very active in all curricular (teaching and research) and extra-curricular activities (sports, games, cultural programmes).

DEPARTMENT OF PATHOLOGY AND BACTERIOLOGY

Number of students in each courses :

M.B.B.S.	96
A.B.M.S.	17
M.D. (Ayvd.)	18

Number of staff :

	Sanctioned strength	*Actual strength*
Professor	1	1
Readers	3	3
Lecturers	3	1
Demonstrators	6	5
Resident Pathologist.	1	1

Changes in the staff :

(*a*) Dr. Shriniwas, Lecturer in Pathology was appointed Reader in Pathology in the department for Post Graduate Institute of Indian Medicine.

(*b*) Dr. (Mrs.) Ratan Mala Gupta, Demonstrator in Pathology was appointed lecturer in Pathology in the department.

(*c*) Dr. P. K. Srivastava, Demonstrator in Pathology, was appointed Resident Pathologist.

New appointments during the year with their date of joining duties :

(a) Dr. Shriniwas	Reader in Pathology	29 August, 1963
(b) Dr. M. L. Mehrotra	Demonstrator	7th Sept. 1963
(c) Dr. Pramod Nath	Demonstrator	30th Sept. 1963
(d) Dr. P. K. Srivastava	Demonstrator	1st Sept. 1963.
	Resident Pathologist	16-3-64.
(e) Dr. (Mrs.) Ratan Mala Gupta	Demonstrator	20-1-64.
	Lecturer	18-3-64.

Changes in the courses, syllabus etc :

The course of studies has been revised and details are included in the prospectus for M.B.B.S. students 1964.

Research work and publications :

(A) *Professor M. Gupta*

(i) Subcutaneous filarial nodule in the breast due to a filarial worm. Amr. J. Trop. Med and Hygiene—March 1964.

(ii) Haemongiona in a lymph node—Ind. J. Path & Bact. March 1964.

(iii) Ciliocytophthoria in non-viral respiratory diseases—Paper read at the XIII annual meeting of Indian Association of Pathologist.

(iv) Pathology of Hyperthyroidism—in Symposium on Hyperthyroidism, held under the auspices of Indian Society of Endocrinology at its first annual meeting at Varanasi.

B. *Dr. C. R. Banerjee, Reader.*

(i) Preliminary report on studies on Banana in experimental Peptic Ulcer—J. Pharm. and Pharm 1963, 11, Page 775-776.

(ii) Dianabol in Hoemopoesis read at the first Endocrinological Congress 1964 at Banaras.

C. *Dr. B. Dube, Reader.*

(i) Rhinosporidiosis in Mangalore—Jour. Ind. Med. Ass. 42, 59-64-1964.

(ii) Chromoblastomycosis in India paper read at XIII annual meeting of Indian Association of Pathologist at Delhi.

(iii) Foetal haemoglobin in health and disease—Jour. Med. Sci. 1964 (Under publication)

D. *Dr. Ratan Mala Gupta, Lecturer*

(i) Observations on 138 laboratory strains of Indian Micobacteria—Ind. J. Chest. Dis. 1963. Also this paper was read at the annual meeting of Indian Association of Pathologist, 1963 at Delhi.

(ii) Probable infection by "Atypical" Mycobacteria in India—Ind. J. Chest. Dis. 1963.

This paper was also read in the XIII annual meeting of Indian Association of Pathology.

Research works conducted in the department.

(i) Studies on Banana in experimental peptic ulcer—Dr. C. R. Banerjee, Reader.

(ii) Studies on Haemopoetic response by use of dianabol Dr. C. R. Banerjee.

(iii) Foetal haemoglobin in patients at the S. S. Hospital with reference to different disease states and various age groups—Dr. B. Dube and Dr. G. T. Munsif.

(iv) Bacteriological studies of staphylococci isolated from human infections in Varanasi—Dr. (Mrs.) Ratan Mala Gupta and Dr. Shriniwas.

(v) Bacteriological studies of urinary infection in Varanasi Dr. Shriniwas and Dr. (Mrs.) Ratan Mala Gupta

Distinguished visitors :

(i) Col. Amirchand, Member, Executive Council I.M.C.

(ii) Prof. Dr. P. N. Wahi, Prof. & Principal, Medical College, Agra.

(iii) Dr. G. C. Mehrotra, Prof. of Pathology, Medical College, Rohtak.

(iv) Prof. Director R. Vishwanathan, Patel Chest Institute, Delhi.

Summary of laboratory work for Hospital and other laboratory investigations :—

(i) Histo-pathological investigations 953 specimens were studied on the basis of 1510 microsections and were reported.

(ii) Bacteriological investigations 1107 specimens were studied and reported.

(iii) Serological investigations 1585 specimens were studied and reported.

(iv) Biochemical investigations 7591 specimens were studied and reported.

(v) Clinical Pathology investigations 62,859 specimens were studied and reported.

(vi) Autopsy—15 autopsies have been carried out to establish the cause of death in patients who died at S S. Hospital.

(vii) Museum specimens—51 specimens have been mounted and have been added in the existing museum of the department.

Department of Surgery

Number of students in each course :

M.B.B.S. IIIrd Yr.	32
M.B.B.S. IVth Yr.	41
M.B.B.S. Vth Yr.	32

Number of Staff :

	Sanctioned strength	*Actual strength*
Professors	2	2
Readers	10	8
Lecturers	5	4

Changes in the Staff :

1. Dr. M. P. Vaidya was appointed as Professor from Reader.
2. Dr. T. P. Srivastava was appointed as Reader from Lecturer.
3. Dr. N. N. Khanna was appointed as Reader from Lecturer.

New appointments during the year with their dates of joining duties.

Sl. No.	Name of Person	Designation	Date of Joining
1.	Dr. M. P. Vaidya	Professor	3-1-1964
2.	Dr. T. P. Srivastava	Reader	17-10-1963
3.	Dr. .N. N. Khanna	Reader	15-4-1964
4.	Dr.U. S. Mishra	Clinical Registrar	22-7-1963
5.	Dr. Ravindra Nath	Clinical Registrar	3-10-63
6.	Dr. Akram Lal	Resident Anaesthetist	16-8-63
7.	Dr. D. K. Rai	Resident Radiologist	16-10-63
8.	Dr. Pratap Singh	Temporary	19-2-64

Research work and publications :

Name & Designation of the staff	Title of study	Method of study	Result obtained	Details of publications, if any
Dr. M. P. Vaidya Professor of Surgery	(i) Hypothermia in Cardiac Surgery (ii) Effect on the Nutritional status of dogs after varying grades of Partial Gastrectomy (iii) Organ Transplantation (Autotransplanatation) 1. Kidney 2. Lungs (In combination with Dr. P. J. Deshpande) (iv) Nutritional Status of Surgical patients	Dogs are cooled in a bath tub to 30 to 28 c and after stopping the circulation Right Atrium is opened. Hole is made in the interatrial septum and then it is repaired. Preoperative Haemotological studies are done on dogs. Then varying grades of Partial Gastrectomy is done. Post-operative haematological studies are again done at varying intervals to know the effect of Gastrectomy on the nutritional status of the dog. (i) The Right kidney is taken out from its normal place in ab-	Out of 5 dogs done, the Ist died because of technical errors. The other four dogs made good recovery. It has been found that dogs loose weight & become anaemic after Partial Gastrectomy four dogs were operarated and died. The results of Kidney trans plantation are encouraging. So far only one lung trans-	The Series is too small as yet for any publication. do

Title of study	Method of study	Result obtained	Details of publications if any
	domin and transplanted in the neck. (ii) Left lung is removed and then again transplantation the same site.	plantation has been done. The dog survived for 48 hours.	
		Our patients are very poor nutritionally but withstand major surgical procedures well. Out of large number of patients operated within first three months of 1964 only one has died.	
	A detailed haematological pre and post operative study is being done of all patients admitted for surgery. It is being		

		assessed how far our people can withstand major surgical procedures.	
Dr. H. S. Lakhtakia, Reader in Surgery	(1) Blood Volrum Studies	Using (1) P 32 (2) R.I.S A. (awaited)	Preliminery studies in 3 Cases dvn
	(2) Stastistenl Analysis of Corno surgical disease	Statical Surgery	Peptic ulu 1960-63 completed
	(3) Lymptogi orgapohy in obstruction due to matigent and bergine disease	Using Patient blue violet	Dye uoer available in India.
Dr. O. P. Gupta, Reader in Surgery (Oto laryngology) B.H.U.	(1) Role of Vit A in the treatment of perceptive deafness	(1) Pre+Post Therapy audiometry in cases of puceptive deafness with follow up studies	The Audiometer which was scheduled to be supplied by the firm in Feb. 1964, is now going to be supplied in Sept 1964. As such work on both these studies is held up.
	(2) Causative factors of deafness in school children of Varanasi	(2) Preliminary sudiometry+Screening of School children, with detailed examination of deaf children to determine cause of deafness	

Name & Designation of the staff	Title of study	Method of study	Result obtained	Details of publications, if any
Dr. K. S. Mehra Reader in Ophthalmology	(1) Vit A Conterts of serum in normal Indians	Vit A estrnation in serun in normal persons of various age groups.	Has done in 80 patients	Still is being carried out.
	(2) Seleral rigidity in various errors of refractirs	Refraction is done and later on seleral rigidity is calculated on Friedwalds chart	Has done in 78 patients	
	(3) Role of capillary flavoroids in entra ocular halmarhage	In one group of cataract operated no C.V.P. gives whole in other group C.V.P. is being given then difference is noted in evidence of extra ocular haemmarhages.	Has done in 50 patients of each group	
Dr. P. Chandra Reader in Anaesthesia	Anaemic in Anaesthesia	Dogs are rendered anaemic by repeated bleeding and then a continuous anaesthesia G.A. rller by oxford vap is given	It is reduced to a considerable extent mainly below 25% from original. Dogs	

		... establish relationship of toluanea of Anaesthesia.	die sooner than 6 wc.	
Dr. K. C. Mukherjee, Reader in Neuro Surgery	(1) Hydroaphalus	Management: Ventricutopleneral shunt and III Ventriculostomy by		
	(2) Diagnosis of Brain tumors	Radio-active Isotopes	None available so far Prep of Rihsa attempted without success; supply from Trombay being sought (for Radio-mercury)	
Dr. N. N. Khanna M.S., Reader in Plastic Surgery	(1) Studies of Infectionion past operative wounds	The study is being conducted on patients. Alternative patients are kept without any antibiotig and the incidence of infection is being studied.	So far no marked difference has been noted in the twoseries, those getting antilsedies and those that are not getting antibioties.	(1) Recent trends in cancer chemothoraphy the antiseptic 1964.

Name & Designation of the staff.	Title of study	Method of study	Result obtained	Details of publications, if any
	(2) Problem of treatment of past burn contractures.	Past burn contractures of narines regetis are taken and treated by releaeing them and pearcding a skin coker by (a) Partial thickness skmport. (b) full thickness (c) tube pedicle	The result will be assessed after a minimum period of one year has elapsed after the release was done.	(2) The problem of skin cover in acute injuries of the hand in medicine and surgery, 1961.
Dr. Mahendra Nath Khanna, Lecturer in Surgery.	(1) Physio pathological study of dog after cavopastal Anastomosis.	To study, Chemical Raemodynaemic and pathological changes after anastomasing difenior veeraeava to Pastal veild (end of inferior ve to the side of pastal need).	No clinical absaurethy obserued. Dog found well after stitichs were removed.	Nil Other particulares.
	(2) Incidence of elecrnic chleeyertitis of its follow up of cases in the Hospital.	A detailed Analytical study of praued and operated cases. By infecting dyeno the dilated symphatic,	Dog left before haemadynaemic and pathology could be done.	(1) Management of Massively bleeding reptic ulcer n.e.m.s.e. (2) Cystic Hygrana its treatment in Indian paediatrics.

	(3) Cymphangio-graphyin symphac-dev cases.		Master chast is more or less ready. Could not be done as dye is not available.	(3) Eosmophil gramloma (Nanace-scond in I. S. (Not published so far) (4) Pleisclomal axillal in I. T. S. (5) Fracture Penis to I. T. S.
Dr. T. P. Srivastava, Reader	Myositis Ossificoccs Experimental Production of.	To produce Injury to the elbow of quinna urigs follow it lep with massage of elbow for.	Tried on two cririma pigs bel- have not yet been able to produce it.	
	Study of Bio-Chemical charges in Osteo malasis and steoporosis.	Estamalon of citric acid in wine and Anawa-cids Hydroxy prolim and prolim.	Method is being stanlordised after getting in necessary reage.	
Dr. A. P. Sinha M.S. (Cal), Lecturer	Cerircal Neucees arbousation patterns in Breast Cancer	Study of C.M S (Cerical Myces arlarisation) in pre & post menopaual cases in order to evaluate personal status of the patient particularly in advanced cases	Work proceeding with hopeful results but still too scanty to deduce any conclusions	

... the staff.	Title of study	Method of study	Result obtained	Details of publications, if any
Dr. R.S. Shukla, Resident Blood Transfusion Officer	(1) Relation of A.B.O. Blood group with gastro-encostenal disorder	Statistical Survey	Still Continued	
	(2) Effect of Blood donation on the health of Blood donor.	Physical and Laboraterus Examination	Still continued	
Dr. G.D. Singhal Lecturer	Effect of Indigenous Drugs in Early and late cases of Filariasis	Drugs (1) Buter frundosa (2) Crateria Religiosa (3) Ptsygosperm processara (4) Calotropis processara later (5) Pongamia flatra are on trial in the climcally established cases of filariasis and on carriers.	Butio frundosa has been found to be effetive in contrilling the acute attacks of filariasis. However, the result is not persistently maintained.	(1) Singhal, G.D. (1963) Recent advances in the study of Filariasis part I, The Antiseptu Sept '63 *60*, 723. (2) Singhal G. D. (1963) Recent Advances in the study of Filariaris part II. The Antiseptis at '63, *60*, 831.

This enquiry is being conducted with the help of a grant from I.C.M.R.

Department of Social and Preventive Medicine

Number of Students in each course:

M.B.S.B. 1st year	60
M.B.B.S. 2nd year	22
M.B.B.S. 3rd year	32
M.B.B.S. 4th year	32
M.B.B.S. 5th year	23

Number of staff:

	Sanctioned strength	Actual Strength
Professor	1	1
Reader	1	1
Lecturers etc.	1	1
Demonstrators	2	1

Changes in the courses, syllabus etc:

During the year, curriculum and teaching programmes were finalised through various bodies according to the recommendations of Medical Council of India.

Research work and Publications:

Inspite of the fact that the department needed organisation from the begining, action on research projects were taken up in Campus Health. First publication on B.H.U. Campus Health defining baseline of disease problems and health, providing guiding lines to tackle them was made during April '64. In addition, three publications were made by departmental staff in College Magazines. Other articles are under compilation.

Distinguished Visitors:

1. Medical Council of India Executive Committee.
2. Medical Council Visitors.
3. Col. Amir Chand.

General Remarks:

Inspite of limited hands by the end of the year, department is fully organised in its teaching programmes including field training, museum, laboratories and applied research projects. Proposals for departmental Rural Health Centre are pending before concerned bodies. Phase of University Health Centre is sanctioned from 15-4-64. Sanction of Rural Health Centres for the department is however recommended on priority basis.

Department of Obstetrics and Gynaecology

Number of Students in each course:

IV Yr. M.B.B.S.	8
V Yr. M.B.B.S.	11

Number of staff:

	Sanctioned strength	*Actual strength*
Professor	1	
Reader	1	
Lecturers, etc.	2	1

Changes in the staff:

1. Dr. L. Jacob resigned from the post of Reader in Obst. & Gyna. on 8th Dec. 1963.
2. Dr. A. Agarwal has left for U.K. in March 1964.

New appointments during the year with their dates of joining duties:

Dr. A. Agarwal who joined as temporary lecturer in 1963, was made permanent.

Dr. Razdon joined as temporary Clinical Registrar on 22-7-63.

Research work & Publications:

Electrophoretic pattern of Serum Proteins in Pregnancy.

Distinguished visitors:

Dr. Shirolkar (Gynaecologist) from Bombay visited in the month of October.

POST-GRADUATE INSTITUTE OF INDIAN MEDICINE.

Number of students in each course:

M.D. (Ay.) Course	18
Research Fellows working on medicinal plants in the Dept. of Botany & Chemistry	8
Total	26

Number of staff:

	Sanctioned strength	*Actual strength*
Professors	3	1
Readers	14	12
Lecturers etc.	14	9

New appointments during the year with their dates of joining duties :-

Department of Dravya Vijnan :

1. Dr. P. V. Sharma (Professor and Head of the Department) 5-9-63
2. Dr. Ram Sushil Singh (Reader) 21-11-63.
3. Dr. K. C. Chunekar (Lecturer) 23-8-63.
4. Dr. Ram Kripalu Gupta (Lecturer) 11-9-63.
5. Dr. T. N. Sharma (Lecturer in Rasa Shastra) 5-11-63.
6. Dr. R. R. Pande (Demonstrator)
7. Dr. C. Chaturvedi (Demonstrator) 16-9-63.

Department of Kaya Chikitsa

1. Dr. Y. N. Upadhyaya (Head of the Department) 10-8-63.
2. Dr. S. N Tripathi (Reader) 21-8-63
3. Dr. G. N. Chaturvedi (Reader) 22-8-63.
4. Dr. Ram Harsh Singh (Clinical Registrar) 7-9-63.

Department of Shalya Shalakya

1. Dr. P. J. Deshpande (Reader & Head of the Department) 8-1-64.
2. Dr. P. S. Sankaran (Lecturer) 22-8-63.

Department of Basic Principles

1. Dr. D. S. Gour (Reader & Head of the Department) 21-8-63.
2. Dr. H. C. Shukla (Reader) 23-8-63.
3. Dr. G. P. Dubey (Demonstrator) 22-8-63.

Department of Prasuti Tantra

1. Dr. Miss N. B. Joshi (Reader) 7-5-64.
2. Dr. D. N. Mishra (Clinical Registrar) 4-10-63.
3. Dr. Miss P. Tewari (Lecturer) 8-5-64.

Medicinal Chemistry Section

1. Dr. B. Das Gupta (Reader) 16-9-63.
2. Dr. T. N. Bhaduri (Reader) 20-9-63.
3. Dr. K. C. Gangrade (Reader) 14-8-63.
4. Dr. Sriniwasa (Reader) 29-8-63.

5. Dr. D. N. Prasad (Reader) 31-10-63.
6. Dr. S. G. Jhingran (:Lecturer) 13-11-63.
7. Sri E. G. Phadia (Statistician) 31-3-64.

Research work and publications :

A lot of research work and publications have been made by the members of the staff of the various departments of the Institute individually or jointly on various Ayurvedic problems. A list of such problems is given below.

Department of Kaya Chikitsa

Research work :

1. Clinical & Experimental study of some herbal ditreties in edema.
2. Experimental Gastritis
3. Management of Tamak Swasa (Bronchial Astma) with indegenous drugs.
4. Scientific enquiry regarding Ama.
5. Amlapitta (Gastritis Syndrome and its management with indegenous drugs).
6. Experimental etherosclerosis in Chiken.
7. Certain Clinical and experimental studies on Kamala Roga (Jaundice)
8. Experimental studies on Arthritis.
9. Certain clinical and experimental studies on Pancha Karma Therapy.
10. Certain Clinical and experimental studies on Parinam Shoola (Peptic Ulcer)
11. Some clinical and experimental studies on Kushtha Roga (Dermatoses).
12. Certain clinical and experimental studies on Pandu Roga (Anaemia).

Publications :

1. Effect of an indegenous drug Gaurakh in Rheumatism (Amavata) Journal of Medical Sceinces, B.H.U.—The paper was also read in the Conference of National

Medical Graduate Association held at Meerut in December 1963.

2. Pathogenesis of Amavata—Nagarjun, Calcutta.
3. Experimental gastritis in Albino by Acetic Salyclic Acid.
4. Evolution of Amavata—under communication.
5. The effect of tricosanthes cucumerina on Aspirin gastritis in Albino rats.
6. A scientific enquiry regarding Ama.
7. Gastritis Syndrome (Amlapitta) and its management (Monograph).
8. Amlapitta (Gastritis Syndrome) and its management with Tricosanthes cucumerina
9. Certain experimental studies on the effect of an indegenous drugs on Arthritis—Journal of Medical Sciences, Vol. 5, No. 1, 1964.
10. Experimental studies on the Anti Asrthritis effect of certain indeginous drugs.
11. Studies on Pancha Karma Therapy (Part I)
12. Certain Physiological and Biochemical studies on Snehan and different types of Basti Therapy.
13. Studies on Pancha Karma Therapy (Part II).
14. Certain experimental studies on the effect of Swedana on Arthritis.
15. Certain observations on the Ayurvedic treatment of certain skin diseases.
16. Certain clinical observations on absorption and utilisation of an indegenous iron preparation in cases of Anaemia. Journal of Medical Sciences, Vol. 5, No. 1, 1964.

DEPARTMENT OF PRASUTI TANTRA

Research work :

1. Animal Experiments on Indigenous oral Contraceptive.
2. An experimental study of anti-bacterial activities of Daruharidra, Varuna, Surya Mukhi and Shigru.
3. Ecbolic properties of certain indigenous drugs.
4. Indigenous oral contraceptives.

5. Experimental study on therapeutic value of 'Shambook Bhashma' as antirachatic drug in albino rats.
6. Anthelmintic effect of 'Bidanga' against Ascariasis lumbricoidis in dogs.
7. Indigenous treatment of Leucorrhoea.
8. Anthelmentic activity of "Bidanga" on Earth Worms in vitro.
9. Anthelmentic activity of "Bidanga" in human beings infested by ascariasis Lumbricoides.

Publications :

1. Preliminary reports on indigenous oral Contraceptive. Dr. L. V. Guru. Journal of College of Medical Sciences July, 1963.
2. Family Planning Ancient and Modern.
3. Family Planning in past and present days by Dr. L. V. Guru and Dr. D. N. Mishra.
4. Anthelmentic activity of Bidanga Earth Worms experimental. Paper sent to Antiseptic for publication in April 1964.
5. Ghanekar verified enlarged and edited by Dr. L. V. Guru. April 1964.
6. Preliminary report on the pilot experiment was published in July 1963 in the College Journal.
7. Paper Anthelmentic Activity of "Bidanga" in human beings infested by Ascariasis Lumbricoides, will be sent very soon for publication.
8. Paper regarding publication of Anthelmentic Activity of "Bidanga" on earth worms in vitro has been sent to Antiseptic for publication in 2nd week of March.

DEPARTMENT OF MEDICINAL CHEMISTRY.

Research and Experimental Work :

1. Adrenal activity in conditions of trees.
2. Phytochemical Investigation of the plant, Alongium Lamarckii, Thui.
3. Glycogen content of Heart muscle in Cardiac activity.
4. Ketosteroid in Cissus Quadrangularis.

Publications :

1. Phytochemical and pharmacological study of Cissus Quadrangularis. Jr. Physiology and Pharmacology of India. April, 1963.

DEPARTMENT OF BASIC PRINCIPLES.

Research work :

1. Surgical ethics in Ayurveda.
2. Methodology of Ayurveda.
3. Hereditary and congenital anomalies in Ayurveda.
4. Relative position of the gonals (left & right) effect on the determination of the sex progeny.
5. Deh prakriti Vinishchaya.
6. Anthropometric study of human beings with a view to compare Ayurvedic records with the present findings.
7. Effect of motion on the weight of albinorats

Publications :

1. Monograph published by Chaukhamba Vidya Bhawan, Varanasi (1963).
2. Hereditary and congenital anomalies in Ayurveda Journal of Anatomy (Allahabad) under publication.

DEPTT. OF SHALYA SHALSKYA

Research work :

1. Effect of side Rhombifolia (Bala) on the regeneration of crushed periphral nerves in rats.
2. Bodily changes (in terms of dosha) in injury and repair.
3. Wound Healing. Effect of Helianthus annus (surya mukhi) on exicised wounds on skin. Experimental.
4. Wound Healing. Effect of jasmena graundiflorm on experimental skin wounds. Experimental.
5. Wound Healing. Effect of salvandorapersica on experimental excised skin wounds.
6. Wound Healing: Effect of vernonia ceneria on experimental excised skin wounds. 2. Effect of vernonia ceneria on septic and aseptic wounds in clinical cases.

7. Effect of semi carpus Anacardiun anti carcinogen..
8. Effect of urasia picta on the healing of fracture.
9. Study of documented indigenous drugs regarding their efficacy in resolving keloids.
10. Homotransplantation-kidney's.
11. Factors other than acid in peptic ulceration.
12. Wound Healing: 1. Effect of morrelin on experimental excised skin wounds.
    2. Effect of morrelin on various types of septic wound in clinical cases.
13. Total case of surgical patients on Poorva karma & Paschatkarma.
14. Effect of kshar sutra in the healing of fistula treatment and excision of pile mass.
15. Effect of documented indigenous drug on ointment made from charred 'Khur' in bibhitaki oil on depigmentation after trauma.
16. Effect of indigenous drugs(karanja, kashish and kapitha) on alopecia after trauma.
17. Development of a museum.

Publications :

None has so far worked on this aspect with ayurvedic drugs. However, there are a number of publications on this method of assessing various drugs for their immunological response after homograft.

We have adopted the same method of study as suggested by F. D. Moore in his monograph-Melabolic response to the surgical trauma.

DEPARTMENT OF DRAVYA VIJNAN

Research work :

1. Preliminary observations on the effect of piper Longum and Piper Nigrum on growth-rate.
2. In-Vitro Anthelmintic Effects of Semecarpus Anacardium.
3. Dosage and Toxicity of Semecarpus Anacardium.
4. A Literary Survey of Semecarpus Anacardium.

5. Anthelmintics in Ayurveda.
6. Ayurvedic Material in Sanskrit Grammer
7. Medicinal Plants in Vedic Literature.
8. A list of Controversial Drugs.
9. Pharmacognostic studies of Gynmema Sylvestra.
10. Pharmacognostic studies of Phallataka fruit (Semecarpus anacardium)
11. Pharmacognostic studies of Dalbergia lanceolaria.
12. Pharmacognostic studies of Clerodendron phlomidis.
13. Pharmacognostical studies including Preliminary Phytochemical investigations on the sterm bark.
14. Pharmacologic actions of cretaeve religiose var roxburghi.
15. Pharmacological action of Crataeva religios var nurvala.
16. Absorption, Excretion and Toxicity of Ayurvedic Mercurials in Experimental animals
17. Eight Samskaras of Mercury.
18. Botanical identity of market drugs and other controversial Medicinal Plants used in Indian systems of Medicine with special reference to 'Vidhara' and 'Nisoth'.
19. Moorva Vinishchaya.
20. Studies on Physico Chemical characters of Makaradhvaja and its mode of action.
21. Standardisation of the putas as described in Ayurvedic text.
22. Studies on Tamra Bhasma (Ayurvedic Copper preparation).
23. Preparation of oral Antimony Compound.

Publications :

1. The paper is being published in 'Ayurveda-Vikasa' a Journal of Ayurveda in serial numbers.

Research Scholarships :

There are 20 scholarships for M.D. (Ay.) and 10 scholarships for Research scholars for Ph.D. in various depts. [illegible]th Rs. 200/- each.

Distinguished visitors :

(1) Dr. C. Dwaraka Nath, Advisor in Indigenous system of medicine, Ministry of Health, Govt. of India, New Delhi.

(2) Dr. Kaladi K. P. Pillai, Lakshmi Vilsasam, Vanchyoor, Trivendrum.

(3) Kaviraj R. R. Pathak, Director, Institute for Ayurvedic studies and Research, Jamnagar.

(4) Shri Bhikha Bhai, Minister for Ayurveda, Rajasthan.

(5) Shri Bishwanath Dwivedi, Prof of Dravya Vijnan, Jamnagar Research Institute.

(6) Polish delegation on world tour.

Games and sports :

This is conducted along with the sports and games of College of Medical Sciences, Banaras Hindu University.

Social and Extra-curricular activities :

An excursion tour of the staff and students, Post-Graduate Institute, went to Chakiya, Chandraprabha and Naugarh for identification and collection of Medicinal Plant on 23-2-64. The staff and students usually use to go to nearby villages such as Sunderpur, Aditya Nagar etc. to advise the villagers as to how to keep their health well.

SIR SUNDAR LAL HOSPITAL

Number of Staff :

Visiting staff	37
Medical Officers including Supdt. Asstt., Supdt. Radiologist	14
Hony. Medical Officer	3
Residential Medical officers	5
Medical Record officer	1
House Surgeons (Paid)	20
House Surgeon (Hony)	10
Matron	1
Sister Tutor	2
Sisters	11
Sr. Staff Nurses	19

Arrangement for Midwifery Training

In Sept. '63 the Ist batch of Student Nurses appeared in the final Diploma and Certificate Examination. All of them passed very creditably. One of the students stood first in order of merit. On the whole very good report of the examinations were forwarded to us by the Secretary, U.P. State Medical faculty.

We approached the Medical faculty to recognise our Nurses Training Centre for Diploma in Midwifery of the State Medical Faculty. In this connection the Medical Faculty had sent a Visiting Committee for inspection consisting of Miss Kapadia and Mrs. Beat. The Committee stayed here for two days on 8th & 9th of May '64 and assured us of their recommendation for recongnition of Midwifery Training.

Hospital Expansion

Bed Strength	300

Distribution of Beds

Medical	82
Surgical	112
Female	50
P.G.I.M	56

Total No. of Patients treated in the Wards.	6,010
Total No. of Patients in out-door Department.	1,70,989

Operations :

Major Operations.	4375
Minor Operations.	4991

No. of Pathological Investigation done duing the year.	21,936
No. of Radiological Investigation done during the year.	7,142

Social and extra-curricular activities :

Class IV Staff took great interest in games like Kabaddi, Tug of war and running races.

Badminton was one of the important games in which both visiting staff and Nursing Staff took equal interest.

Baby show was arranged with the kind help of the judges, which included Mrs. S. L. Dar, Mrs. P.M. Netrawala, Dr. (Mrs.) Raturi and Dr. Mrs. K. Kumari.

Special feature of the Baby Show this year was that it was limited to children of Class IV Staff only. It served a great purpose of drawing the attention of this Class of parents towards the health of their children.

The Annual Day Celebration was held on 26th April 1964 under the Presidentship of the Vice-Chancellor. Prof. Thacker, a renowned Scientist, a great Educationist, an able Administrator, and Member of the Planning Commission, was the Chief Guest on this occasion.

Another important event of this year was the visit of Union Health Minister, Dr. Shushila Nair, who laid the foundation stone of the Traumatic Surgery Block of the Hospital on 15-8-1963.

Mrs. Sucheta Kripalani, Chief Minister, U.P. also paid a visit on 21-12-1963 and promised her utmost help for developing Women's Hospital in the institution.

Buildings :

A number of new constructions are being undertaken with the kind help of the University authorities which include construction of 100 beds on the Ist floor of the Hospital and construction of Eye and Children Hospital. All these constructions are nearing completion which will increase our bed strength by 200 more making a total of 500 beds within 4 or 5 months. The construction of the building for the Nurses Training School and the 2nd floor of the Nurses Hostel were undertaken duing this year with the help of the grants from the Central Government. Buildings are almost complete.

COLLEGE OF MUSIC & FINE ARTS

No. of students in each Course :

Admission Certificate Course in Music II- Yr. (Old)	50
Diploma Course in Music (New)	
I-Yr.	102
II-Yr.	2
III-Yr.	20

iploma in Music (Old)	
IV-Yr.	12
Diploma Course in Painting (New)	
I-Yr.	2
II-Yr.	4
III-Yr.	4
Junior Diploma in Painting (Old)	
II-Yr.	1
Senior Diploma in Painting (Old)	
III-Yr.	1
IV-Yr.	6
Junior Diploma in Sculpture (Old)	
II-Yr.	2
Senior Diploma in Sculpture (Old)	
III-Yr.	1
B.Mus. VI-Yr. (Old)	7
B.Mus. (Three Year Degree Course)	
Part I	1
Part II	5
M.Mus. (Previous)	
VII-Yr.	6
M.Mus (Final)	
VIII-Yr.	3
D.Mus. (Final)	2
Degree in Fine Arts (New)	
Part-I (Painting)	4
Part-II (Painting)	4
Part-II (Sculpture)	1

No. of staff	*Sanctioned strength*	*Actual strength*
Music (Hindustani)		
Professor	1	1
Readers	3	3
Lecturers	6	4
Instructors	8	7
Karnatic Music		
Lecturers.	4	*
Fine Arts Section		
Lecturers	4	2
Instructors	2	2

*Appointments of two Lecturers have been made an
ll join from the next session.

Changes in the Staff and New appointments during the year with their dates of joining duties :

Teaching Staff :

(i) Shri M. R. Gautam who was appointed as Reader in Music on a newly created post joined on 21-11-1963.

(ii) Shri A. K. Bhattacharya who had to work as Temporary Instructor in Vocal Music from 20-7-62 to 30-4-63 during the last session against a permanent post, was re-appointed on the post from 1-8-63 to 30-4-64.

(iii) Prof. B. R. Deodhar, Head of the Deptt. of Music and Principal of the College whose term of appointment expired on 19-1-64, was given an extension of two months till 31-3-64.

(iv) The post of Instructor in Sculpture held by Shri M. V. Krishnan was converted to that of a Lecturer in Sculpture and Shri M. V. Krishnan was appointed on this post with effect from 17-10-63.

(v) Shri R. S. Dhir was appointed as Temporary Instructor in Painting and joined his duties as such on 4-3-63 vice Shri Baij Nath Pd. Gupta sanctioned study leave for two years.

Other Staff :

Four posts of Tabla Accompanists were sanctioned during the year under review and the following persons were temporarily appointed on these posts :—

(i) Shri Ishwar Lal Misra, Temporary Tabla Accompanist, joined on 20-2-64.

(ii) Shri H. K. Bhattacharya, temp. Tabla Accompanist, joined on 21-2-64.

(iii) Shri K. N. Misra, temp. Tabla Accompanist, joined on 21-2-64.

(iv) Shri Uma Shankar Singh, temp. Tabla Accompanist, joined on 9-3-64.

Changes in the Courses, Syllabus etc :

The Music Re-organisation Committee which was set up in 1961 submitted its final report in February, 1963. This report

was duly passed by the Faculty of Music and Fine Arts and was also approved by the Academic Council and came into force from the session 1963-64. In the transitional period, old Course and its Examinations had to be maintained side by side with new Three Year Diploma and Three Year Degree Courses in Music during 1963-64 session.

Research work and publications:

1. The printing of the First Volume of the Sangita Raja of Rana Kumbha which was in progress during the last year

was completed in the year under review and it was published by the Hindu Vishwavidyalaya Sanskrit Publication Board on behalf of the Section in the Hindu Vishwavidyalaya Nepal Rajya Sanskrit Series on 26th December, 1963, in a special publication ceremony presided by Dr Karan Singh, Sadar-e-Riyasat, Jammu and Kashmir. This volume consists of nine thousand 'Slokas' (624 pages) of the text, more than 150 pages of the Introduction and above 200 pages of Appendices and Indices that have rendered this publication useful for the average as well as the specialised reader. Thus the present volume, apart from presenting a critical edition of the text, also furnishes enormous research work on the subject in its Introduction and the Indices and Appendices of which the following are particularly notable :—

(i) Appendix—II.

Comparison of the Ragollasa of Sangita Raja with the Ragadhyaya of Sangita Ratnakara and Brihaddeshi.

(ii) Appendix—III.

(a) An alphabeticial list of Authors and works cited in Sangita Raja Vol. I.

(b) Critical notes on the specific Authors and works cited in Sangita Raja—Vol. I.

(iii) Appendix—IV.

(a) Part I, treating the colophons from various points of view, and

(b) Part II, treating of Author's epithets found in the text from various points of view.

(iv) The word Index running into more than 100 pages, virtually a glossary of technical Sanskrit words of Musicology.

(v) A line Index of the Slokas in the first volume was also prepared but could not be printed in this volume due to want of available space.

2. The work of Text Reconstruction and printing of the Second Volume has been taken in hand and a beginning has been made in the right earnest.

3. The following unpublished manuscripts were obtained on loan and their copies prepared in the Section :—

(i) Ragamala of Kavikalyana.

(ii) Kavittasangraha of Nipataniranjana.

(iii) Raga Ratnakara of Krishna Kavi.

(iv) Navadhabhakti Ragarasasagar of Kavi Shivarama.

(v) Rasika Priya commentary on Gita Govinda by Rana Kumbha (published but out of print).

4. The photostat transcript of Abhinava-bharati available in the Section was compared with the transcript acquired on loan from Varanaseya Sanskrit Vishwavidyalaya with a view to prepare an authentic text.

Research Scholarships :

No Research Scholarship is provided, although its necessity is keenly felt since long, because the College provides for Research Courses in Music and a number of Post-graudate batches have already been sent out. The first batch of D.Mus. students has completed the course this year.

Distinguished Visitors and Extra-Curricular Activities :

(i) As usual this year also the Vishnu Digambar Jayanti was celebrated from 31st August to 1st September, 1963 and four concerts were organised on this occasion. All the members of the staff and senior students of the College took part in the same. All the concerts were very well attended by the Music lovers.

(ii) The Nepalese Delegation of Dancers and Musicians which visited India in September, 1963, paid a visit to our College.

About 20 members carefully watched the training of our students in the College and were highly pleased with the high standard maintained by the College. A concert was arranged on this occasion in which some College items and some Nepalese items were given.

(iii) Mrs. Kar, a disciple of Ustad Alauddin Khan gave a Sitar recital in the College on 18th September, 1963 which was well attended by our students and staff members

(iv) Pt. Vishnu Narayan Bhatkhande's Smriti Diwas was observed on the 29th September, 1963 at 9.00 A.M. in the College. Principal B. R. Deodhar gave recital of some rare Ragas and Pt. Lal Mani Misra his most enjoyable Veena Recital

(v) Shri P. N. Barve, Programme Executive, A.I.R., New Delhi, was invited to give a recital of Vocal Music at 6.00 P.M on 9-10-63 in the College. His way of singing was very much appreciated by all present on the occasion.

(vi) Shri Nad-Yogi Swami D. R. Parwatikar paid a visit to Varanasi. Our College approached the University authorities for help in arranging a concert of Swamiji. The University authorities readily agreed and provided to the College all help.

(vii) A farewall function was arranged under the chairmanship of the Vice-chancellor for Prof. B. R. Deodhar on the occasion of his departure from this University after completing three successful years as Principal of the College of Music & Fine Arts.

Fine Arts Section

General :

This year was an important one in the History of Fine Arts Section of this University. The Re-organisation Committee appointed by the Faculty of Music and Fine Arts for the Re-organisation of Fine Arts submitted its final report in March, 1963 According to its recommendation, the new courses, Three Years Diploma and Three Years Degree Courses in Painting, [illegible] from [illegible] rses [illegible] nts [illegible] oma and in the I-Year and II-Year of the new Three Year Degree Course in Group I & II. The new Diploma an [illegible] ses

in Fine Arts have been framed in such a way so as to equip the students in Fine Arts to seek a living from his vocation and not idealise himself as an Artist only. This practical consultation has made members of the Re-organisation Committee incorporating certain subjects along with a main subject. This new venture in Fine Arts education has been well received by the Artists, Art Institutions and Boards of Art Education in different parts of the country.

Since the courses in Fine Arts have been converted into full time, the working time has been changed from 3 P.M. to 8 P.M. to 11 A.M. to 7 P.M. in order to use the maximum day time for practical work.

Teaching staff :

The University Grants Commission granted the following posts for Fine Arts in the Third Five Year Plan.

One Lecturer in Sculpture	(Formerly an Instructor in Sculpture was appointed on this post).
One post of Lecturer in Painting (Applied Arts.) One post of Lecturer in Sculpture (Pottery & Ceramic Sculpture).	Draft advertisement for these posts have been sent.

Shri J. M. Ahivasi, Lecturer in Fine Arts and In-change of the Section was given one year's extension.

Exhibition :

The Fine Arts Section conducted two Exhibitions during the year under review.

(i) Himalayan Exhibition of Shri Vasudeo Smart. Lecturer in Painting. Women's College, B.H.U.

(ii) The Annual Fine Arts Exhibition of students and staff. For the first time this Exhibition contained works of Applied Art (Posters. Show Cards, Greetings etc.) Works of the following students were sold in the Exhibition :

Shri Kalyan Raman. Shri D. L. Borah, Shri Hridaya Narain Mishra.

Sicial and Extra-Curricular Activities :

Shri M. V. Krishnan, Lecturer in Sculpture, was granted study tour grant during the D. P. Vacation. He visited the Bronze Production Centre, Bangalore and studied the South Indian method of wax modelling and Bronze Casting.

Shri M. V. Krishnan, Lecturer in Sculpture executed a marble bust of late Mahamana Madan Mohan Malaviyaji for Roorkee University this year.

(i) Shri Upendra Maharathi, Artist and Director of Crafts, Bihar Government, visited this Section on 21-7-63. He appreciated the works of the students and staff of the Section.

(ii) Shri C. V. Riddle, Head of the Department of Psychology, Punjab University, visited the Fine Arts Section Exhibition. He appreciated the works displayed and purchased one of our students' Paintings. Shri C H M. John, a Journalist from Gujrat also visited the Exhibition along with Mr. C. V. Riddle.

(iii) The Principal, Central Hindu Girls School, B H U., also visited the Annual Exhibition of the Section.

(iv) Mr. C. H. Phadke, Dy. Director, All India Handicrafts Board, took keen interest in the Textile Designing displayed in the Exhibition and promised help for developing Textile Designing in the Section.

(v) Shri Supakar, Senior Artist, All India Handicrafts Board, expressed his opinion about the Annual Exhibition of the Fine Arts Section

(vi) Mr. Orlod, a Soviet Expert from Bhilai Steel Works, and Mrs. Syssoera (interpreter) visited this Section and appreciated the work done in the Fine Arts Section.

In the beginning of this year, the All India Council of Technical Education was approached for financial help for developing Applied Arts in this Section. The Council has asked for certain information regarding this Section which has been complied. It is hoped that the Council will help this Section with some financial grant.

OTHER COLLEGES

WOMEN'S COLLEGE

Number of students in each course:

P.U.C. Arts.	59
P.U.C. Science	51
B.A. Part I.	40
B.Sc. Part I.	12
B.A. Part II.	98
B.Sc. Part II.	34
B.A. Part III.	105
B.Sc. Part III.	23
	422

Number of staff:

	Sanctioned strength	*Actual strength*
Principal.	1	1
Readers.	8	7
Lecturers.	54	54
Tabla Player.	2	2
Tutors.	3	3
Home Science Instructor.	1	1
P. T. Instructor.	1	1
	70	69

Changes in the staff:

There have been quite a few changes among our staff caused by resignation and study leave. Mrs. Krishna Arya, Reader in Economics, gave up her job to settle in Africa. Dr. (Miss.) M. Shakuntala, Reader in Physics, has joined the Atomic Energy Research Institute, U.K., at Harwell on a fellowship.

(Mrs.) Shyamlata Goyal has returned from Russia and Dr. (Mrs.) Shobha Rani Basu who was away for a year on a lecture tour of the States and participated in the Visiting Asian Professors Project, has also joined.

Miss. Hira Malani has returned from Hyderabad after completing four months' course at the Central Institute of English.

New appointments during the year with their dates of joining duties:

	Name of the person.	Post on which appointed.	Date of joining.
1.	Miss. N. R. Gajendra Gadkar	Lecturer in Vocal Music.	9-7-63.
2.	Miss. Chandra Kala Singh.	Lecturer in Psychology.	,,
3.	Miss. Rajlakshmi.	Instructor in Home Sc.	,,
4.	Miss. K. K. Khare.	Lecturer in Painting.	,,
5.	Mrs. Kamala Srivastava	Lecturer in Sanskrit.	13-7-63.
6.	Mrs. Pushpa Basu.	Lecturer in Inst. Music.	9-7-63.
7.	Mrs. Namita Kundu.	Lecturer in Physics.	,,
8.	Sri Makarand Rai.	Tabla Accompanist	22-7-63.
9.	Miss. Meenakshi Devi	Lecturer in Physics.	30-7-63.
10.	Miss. Mercy P. Charles.	Lecturer in Botany.	10-10-63
11.	Miss. Suman Km. Saxena	Lecturer in Economics.	30-11-63.
12.	Mrs. Lily Srivastava.	Lecturer in A.I.H.C.	30-8-63.
13.	Dr. Mrs. P. Pratap	Lecturer in Psychology.	31-8-63.
14.	Miss. Indira Gupta.	Lecturer in Philosophy.	—
15.	Mrs. Leena Banerjee.	Lecturer in History.	9-7-63.
16.	Mrs. Ibha Kar.	Lecturer in Zoology.	1-8-63.
17.	Miss. Nirmala Trivedi.	Lecturer in Botany.	23-7-63.
18.	Miss. Vibhawati.	Lecturer in A.I.H.C.	9-7-63.
19.	Miss. Indra Bhan Singh.	Lecturer in Physics.	13-7-63
20.	Miss. Usha Kaul.	Lecturer in English.	22-7-63
21.	Mr. T. N. Nagar.	Lecturer in Inst. Music.	14-2-64
22.	Miss. Mohini.	Lecturer in Geography.	17-12-63
23.	Miss. Uma Bhatnagar.	Lecturer in Chemistry.	10-12-63

Changes in the courses, syllabus etc.:

In the present academic year the three year Course is functioning fully on the Arts and Science side.

Research work and publications.:

Mrs. Gyanwati Trivedi, Reader in Hindi, has been awarded the Ph.D. degree in Hindi for her thesis, "गोस्वामी तुलसीदास जी की दृष्टि में नारी और मानव जीवन में उसका महत्व".

Another member of the staff in the same department, Miss Jamila Quraishi, has also been awarded the Ph.D. degree for her thesis on "इस्लामी संस्कृति का मध्ययुगीन हिन्दी साहित्य में यो   ".

Moreover, many Lecturers in the College are preparing for their Doctorate Degree on various subjects viz., Miss Lakshmi Varma in Psychology, Mrs. Saraswati Srivastava in Politics, Miss P. V. Ranjini in Zoology, Mrs. Seeta Srivastava in Politics, Miss Maya Yadava in Philosophy.

Dr. Mrs. K. Chandrasekhar.

Papers Published :

1. "On the ovaries, Copulation and egg-formation in the Hermitcrab Clinanarius olivaceous Henderson (Crustacea, Decapoda)" Journ, Z001. Soc-India, Vol. I, No. 2, 1949
2. "In hermit-crabs (Family Paguridae) *in the collection* of the Indian Museum".
3. "Morphology of the Urino-genital system *in some* Teleostean Fishes". Rec. Ind. Mus., Vol. 59 (Pts. 1-2) pp. 83-1118, 1961.
4. "The Urinary bladder of some Teleostean Fishes". Rec. Ind., Mus., Vol. 59 (Pts. 1 and 2). pp 119-130, 1961.
5. "The Structure of the kidney of some Teleostean Fishes". Has been accepted for publication in the Rec. of the Indian Museum.
6. "The Urinary bladder and the incidence of the occurrence of tumours in the Urinary Bladder of some Teleostean Fishes", *was read at the* Indian Science Congress Session held in Delhi from 7th to 10th Oct., 1963.

Present Research Work.

1. A research student is working for the Ph.D. Degree on "Reproduction and Development in fishes".
2. The Scheme submitted to the U.P. Govt. on "Certain Aspects of Reproduction in Teleostean Fishes" has been approved and the money has been sanctioned.

Distinguished Visitors :

The College has had many distinguished visitors and delegations visiting it *during this academic* year. The *most* outstanding amongst them being :

(1) Mrs. Kusum Trivedi, Member, Planning Commission, U.P.

(2) Japanese religious delegation.

(3) Delegation of students from Los Angeles under the Project India 1963 Scheme.
American Panel sponsored by U.S.I.S.

(4) Dr. and Mrs. C.D. Deshmukh.

(5) Dr. and Mrs. Lefln, Chairman, Dept. of Physics, Eastern Illinois University

(6) Mrs. Sucheta Kripalani. Chief Minister of Uttar Pradesh

(7) The World famous journalist Lady Bragg gave us a very interesting talk on the "Role of Women in the World".

(8) Princess Ashruf Pahelvi of Iran and her husband also visited our College this year. She mixed informally with the staff and the students.

Sports and Games :

With the formation of the Executive of the Women's College Athletic Association, the year's activities in sports and games started. Badminton and Table Tennis are very popular with girls and facilities provided for in these games was utilised to the fullest extent.

After D. P. Holidays all the courts started with activity. The Annual sports conducted on December 17 and Dec. 18, excited a lot of competition and interest. Miss. Kusum Haksar came out as individual champion for the year.

The Women's College Athletic Association sent a team of girls to participate in the Banaras Amateur Athletic Association sports meet, held in the stadium at Varanasi. Quite a number of first and second prizes were knocked off by our girls.

The closing function of the Badminton section was held on March 28th, '64. Matches had been conducted between the staff members and N.C.C. officers of the College.

The Vice-Chancellor gave away the prizes

Social and Extra-curricular activities :

The activities of the Association for the year 1963-64 began with the election of the office bearers on 3rd August 1963. The following were unanimously elected.

1.	Miss. Urvi Kaul.	President
2.	Miss. Leela Rao	General Secretary
3.	Miss Mita Roy.	Joint Secretary

Class Representatives :

1.	Miss Meera Dutta Choudhury	P.U.C. Sc.
2.	Miss H. Lalithamma	P.U.C. Arts.
3.	Miss Manjula Singh	B.A. Part I
4.	Miss Rekha Srivastava	B.Sc. Part II
5.	Miss Kum Kum Jaitly	B.A. Part II. Sect.A
6.	Miss Usha Jain	B.A. Pt. II Sect. B.
7.	Miss Kusum Haksar	B.Sc. Pt. II
8.	Miss Rupa Chatterjee	B.A. Pt. III
9.	Miss D. Shanta	B.Sc. Part III.

The Principal appointed an advisory board consisting of 5 staff members to help, advise and guide the students in their academic as well as cultural activities. One of the staff advisors was appointed by the Principal to be the Chief Advisor and Dr. (Mrs.) A. Shukla occupied this post during the first term of the academic year 1963-64.

The unique feature which distinguishes this year's activities is that it was inaugurated by our revered Vice-Chancellor, Shri N. H. Bhagwati. It was a solomen ceremony which commenced with the Vice-Chancellor lighting the lamp, followed by the inaugural address, wherein, he blessed the Association all success and the function ended with light entertainment by our students.

Since its inauguration, the Association was lively throughout the academic year, with light entertainments by our students and staff or speeches and music by distinguished people from outside. Added to these were the debates and competitions conducted under its auspicies.

During the first term, every saturday in the 9th period each class gave a cultural programme. The highlight of this term's activities was a lucid, lively and informative talk by our Registrar Prof. S. L. Dar on his impressions of the West German Universities and the Women's education there in particular

During the second term, Dr. (Mrs.) K. Chandrasekhar was asked to take over the office of the chief advisor. During this term the Association's activities were all directed towards preparations for the college day celebrations, which was held on the 21st Dec. 1963. It was during this term that the Inter-class debates in English and Hindi were held and the Inter-class Vocal and Instrumental music competitions too.

The Women's college Association gave a warm and cordial welcome to the "Project India 1963" delegation from California on 8-9-63 and to the Japanese students Moral Rearmament delegation from Japan on 28-11-63. They have written to the Principal appre- ciating the cordial welcome given to them and the good will extended by our staff and student members.

The Association had distinguished visitors like, Her Royal Highness Princess Ashar Pahlavi, Dr. and Smt. Deshmukh, Smt. Sucheta Kripalani and Lady Bragg. The talks given by Smt. Durga Bai Desh- mukh, Smt. Sucheta Kripalani and Lady Bragg thrilled the members of the staff and the students with ideas of leadership and the heights to which women can rise if only they have the initiative and the drive in them.

The College Day celebrations went off exceedingly well with Sri Shri Prakash as our honoured guest.

During the third term, the student members were busy with preparations for their examinations, so there were light entertainment by Shri Patekar and Music performances by Shri M. R. Gautam and Shri Nagar.

The Association's activities came to a close for this year on the 14th of April, 1964, when the members of the staff and the Junior members gave a farewell party to the B.A. and B.Sc. Pt III students. The Principal, Women's college, on behalf of all the members of the staff wished the outgoing students all the best for a long, prosperous and happy future. The outgoing students thanked the Principal, the members of the staff and their juniors and they presented some beautiful articles, as a token of their respect, love and affection to their Alma Mater.

CENTRAL HINDU COLLEGE (KAMACHHA)

Number of students in each Course :

I Yr. of the five year Integrated course in Technology	309
Pre-Medicial Course	76
I Yr. of the four year B.Pharm Course	19
B.Sc. Agriculture Part I	44
Total	448

Number of staff :

	Sanctioned strength	*Actual strength*
Professors	...	...
Reader	1	1
Lecturers	23	22
Tutors and Instructors etc.	6	6
	30	29

Changes in the Staff and new appointments during the year with their dates of joining duties :

	Name of the employee	Designation	Left/Joined on
1.	Shri D. Ramakrishnan	Lec. English	Left. on 9-7-1963
2.	Shri V. Anand Rao	Lec. Physics	Left. on 9-7-63
3.	Shri M. M. Shukla	do	Left. on 9-7-63
4.	Shri Sheo Prasad	do	Left. on 9-7-63
5.	Shri R. K. Singh	do	Joined on 9-7-63
7.	Shri R. N. Singh	do	Joined on 9-7-63 Left on 7-10-63
8.	Shri A. V. Krishna Rao	do	Joined on 7-10-63
9.	Shri A. K. Bhattacharya	Lec. Chem.	Left on 1-5-64
10.	Shri S. P. Mishra	do	Left on 1-5-64
11.	Shri Jagdish Prasad	do	Joined on 12-7-63
13.	Shri Krishna Swaroop	do	Joined on 7-10-63 and Left on 1-11-63
14.	Shri Mohan Khare	do	Joined on 19-12-63 and Left on 21-1-64

	Name of the employee	Designation	Left/Joined on
16.	Shri D. N. Mishra	Lec Maths.	Left on 9-7-63
17.	Shri S. N. Mukherji	do	Left on 9-7-63
20.	Thakur Balwant Singh	Lec. Botany	Retired on 9-7-63
21.	Mohd. Abul Hassim	Lec. Physics	Left. on 9-7-63
22	Shri K. N. Pandey	Tutor Sans	Transferred on 9-7-63
23.	Shri Kripa Shanker Mishra	Lec English	Transferred on 9-7-63
24.	Shri S P. Singh	Lec. Hindi	Transferred on 9-7-63
25.	Shri P. N. Tiwari	Lec Physics	Transferred on 9-7-63
26	Shri R. B. Ram	Lec. Maths	Left on 9-7-63
27.	Shri G. C. Shukla	do	Joined on 9-7-63 and Left on 14-12-63
28.	Shri V. K. Kapoor	do	Joined on 19-12-63
30.	Shri P. K. Jain	do	Joined on 16-8-63
31.	Shri S. S. Verma	Inst. Carpentry	Left on 9-7-63
32.	Shri Singhasan Rai	do	Joined on 19-7-63
33.	Shri Bhola Nath Gupta	Inst. Fitting & Machine Shop	Left on 9-7-63
34.	Shri S. P. Sharma	do	Joined on 2-8-63
36.	Shri K. G. Mukherjee	Lect. Botany	Joined on 16-7-63
37.	Shri V. V. Somayajulu	Lect. Physics	joined on 13-12-63
38.	Shri Suresh Kumar Sinha	Lect. Chemistry	Joined on 4-3-64

Changes in the Courses, syllabus etc

P.U.C. Science course was transferred to the College of Science, B.H.U., and the I Yr. of the four year B Pharm course was introduced in this college from July 9, 1963. Other courses continued as before

Distinguished visitors :

Visit of a team of students and teacher from the University of California under the scheme "Project India 1963".

Sports and Games :

Student of this College took keen interest in all sports and athletic activities achieving distinction in many events.

Social and extra-curricular activities :

1. College Debate was held on the eve of the Annual College Day celebration.

2. Shri K. A. Padmanabhan, student of I Yr. Technology, stood first in English Debate held in the University.

3. The students were very regular in their attendance at the N.C.C. parades. The cadets of this college put up an excellent show on the occasion of the closing function of N.C.C.

General Remarks :

"University Extension Lectures in the City" was started at this college this year. Inaugurated by the Vice-Chancellor, B.H.U., on Jan 4. 1964, the scheme of the Extension Lectures proved a success. From Jan. to April, 1964 every week on Saturday a distinguished Professor from the University delivered a lecture on a subject of popular interest a detailed report o which has already been published in the B.H.U. Gazette.

SECTION III

OTHER DEPARTMENTS

BANARAS HINDU UNIVERSITY LIBRARY

Book Budget :

	Rs.
General and Text Book Grant	1,60,000.00
UGC Grant for Humanities Plan III	1,40,000.00
UGC Grant for Science Plan III	1,60,000.00
UGC Grant for Engg. College	50,000.00
UGC Grant for Engg. College	15,000.00
UGC Grant for Engg. College	6,000.00
UGC Grant for Physics	15,000.00
UGC Grant for Chemistry	30,000.00
UGC Grant for Chemistry	40,000.00
UGC Grant for Chem. Engg.	30,000 00
UGC Grant for Min. and Met.	30,000.00
UGC Grant for Med. College	3,00,000.00
Total Rs.	9,76,000.00

Acquisition :

By Purchase	Books	10,163
	Periodicals	2,554
By Donation	Books	725
	Theses	188
		13,630

No. of Periodicals subscribed	1,575
No. of Periodicals Gratis	520
UN & UNESCO	624

Nearly 175 titles of periodicals have been added during 1963-64.

Total expenditure on periodicals is Rs. 75.000.00 nearly.

Circulation :

No. of Books issued	84,550
Bespoken Books Issued	12,150
Daily average issues	302
Fines realised for late return etc.	Rs. 911.09
Cost realised for loss of books	Rs. 496.89

Inter-Library-Loan :	*Books & Bound Periodicals*	*MSS*	*Theses*
Volume borrowed	35	3	3
Volume loaned	24	—	—

Consultation statistics of Reference Section (Science & Humanities) and Periodical Section have not been maintained. Daily average consultation is 300. Consultation of Text Books and Theses is as under :

Total	29,534
Daily average	133

Registration :

Staff	1820
Undergraduates	2620
Post-Graduates	2550
Consultation Cards	140

Opening Hours :

Summer	8 A.M. to 8.30 P.M.
Winter	8.30 A.M. to 8.00 P.M.
Vacation & Sundays	10.30 A.M. to 5.30 P.M.

Readers' Attendance :

Teachers and Staff		16,705
Students		1,11,670
	Total	1,28,375

Library kept open	315 Days
Readers' average per day	408

The peak hours of the Library are from 2 P.M. to 6 P.M.

Technical process :

Books classified	11,956
Periodical Volumes Classified	12,430
Catalogue Cards Prepared	55,754

Binding :

Rs. 7325 41 has been spent out of Rs. 10,000/ for binding of periodical volumes and multilated books of the Library.

Distinguished Visitors .	*Visited on*
Mr Rosheen Eilen, Israel	7-8-63
Mr. Ernest Phillip	18-8-63
Mr. Salter Starker	24-8-63
Shri T R Seshadri	11-9-63
Mr M. L. Gunjal, Principal, Medical College Kashmir	11-9 63
Mr Amri Chand, New Delhi	14-9-63
Col. R. Bhargav, Lucknow	20-9-63
Col. J. L. Nanda, Varanasi	20-9-63
Delegates from U.S A (Five)	
Delegates from Japan (Five)	28-11 63
Mr. C. Subrahmaniam Minister, Fuel and Heavy Industries, Govt. of India, New Delhi	16-12-63
H.E Karan Singh, Maharaja of Jammu and Kashmir and Chancellor, B.H U.	26-12-63
H. E. Vibhuti Narain Singh, Maharaja of Banaras	26-12-63
Mr. H. N. Kunzru, Member of the E C B.H.U	26-12-63
Mr M C. Chagla, Minister of Education, Govt of India, New Delhi	7-1-64
Mr P. Horhe, Mongolia	14-1-64
Mr A M Verma, Speaker U.P. Leg Assembly	21 1-64
Miss Freda Waldon, Canadian Library Association	
Mr. J. Ralph Murey, President, Elmira Coll, N.Y.	
Mr Richard B Barnett, Engg. College, Allahabad	

Distinguished Visitors (Contd.) :	*Visited on*
Mr. Daerd F. Carer, Harvard Law School (USA)	
Mr. V. Dehiji, Member, UGC and Finance Secretary of Govt. of India.	20-3-64
Mr. Grace M. Mostue, Ref. Librarian, Doglass College, Rutgers Univ., N.J.	
Mr. V. V. Vorshilov. Vice-Chancellor, Univ. of Leningard	8-4-64
Shri Balasundar Gupta. Librarian, Mysore Univ. Mysore	16-4-64
Shri B. P. Sheony, Asstt. Librarian, Osmania Univ., Hyderabad	16-4-64
Shri Nazir Amed. Librarian, Heavy Electricals Ltd., Bhopal	16-4-64
Shri R. Ramachandra, Librarian, National Archives of India, New Delhi	16-4-64
Shri V. S. Moghe, Regional Librarian, Central Library, Lashkar	18-4-64

DEPARTMENT OF LIBRARY SCIENCE

Number of students in each course : 34

Number of Staff :	*Sanctioned strength*	*Actual strength*
Lecturers etc.	...	2 Full time
	...	3 Part time

Changes in the courses, syllabus etc.

Diploma course in Library science has been replaced by the degree course in Library Science.

Research work and publications :

13 publications

B.H.U. LIBRARY SCIENCE ASSOCIATION

The B.H.U. Library Science Association is an active organ of the students of Library Science. This year the number of

students was 34 of whom 11 persons were holding post graduate degree from various Universities

1. Election of office bearers

The Assoication held its first general meeting to elect its office bearers for the session 1963-64. Shri L. S Shukla acted as Returning Officer and conducted the elections The following persons were elected :

Vice-President	Shri M. C Srivastava
General Secretary	Shri Shri Ram Gupta
Social Secretary	Shri B. K Suri
Games Secretary	Shri J. S. Tiwana
Treasurer	Shri G. S. S Amar
Members	Miss M. Bidwai
	Shri R N Borah
	Shri B. N Shukla
	Shri R N Tripathi
	Shri U M Thakur

After the election Shri P. N. Kaula, Ex-Officio President of the BHUISA had a formal meeting of all the newly elected office-bearers.

2. Inaugural Function .

The newly instituted B. Lib. Sc. Course was inaugurated on 10th September, 1963 by Shri M. C. Bijawat, Pro-Vice Chancellor. Shri D. Subrahmanyam, President, U. P. Library Association, presided over the function. Shri P. N. Kaula welcomed the guests. In his welcome address, he traced the history of library education in India and stated the importance of librarianship. He said that it was the vision of Dr. S Radhakrishnan, the President of India, who in 1941 as the Vice-Chancellor of this University, invited Dr. Ranganathan to draft the syllabus of the library science course and since that time, the Post Graduate Diploma Course had been conducted by the University. He urged the need for instituting the Master's Degree Course in

Library Science as well. Shri Kaula gave an appreciative account of the past achievements of the department and the working of the association. The Pro-Vice-Chancellor appreciated the work of Dr. Ranganathan in the field of library science and hoped that the M. Lib. Sc. Course will be started under the able leadership of Shri Kaula. The Pro. Vice-Chancellor further stated that the ultimate aim of library education was to render library service efficiently and without any loss of time. He was convinced that the large number of post graduate students who had applied for admission to the course, showed awareness of the potency of library science. Mr D. Subrahmanayam gave an account of the library science teaching at the University and his desire to have the Degree course in Library Science instituted at the University. Shri S. R. Gupta proposed a vote of thanks. The function came to close by a lively cultural programme organised by the Cultural Secretary in which some leading poets of Varanasi and outside were invited to participate.

3. *Tutorials and Seminars :*

The convention of holding Tutorials and Seminars has proved very beneficial to the students. Tutorials have been conducted as a regular programme of teaching. Four seminars were also organised which were participated very actively by the members.

Seminar 1 :

Should there be a Title Entry for each and every book ?

This seminar was conducted by Shri H. D. Sharma, Professional Senior of the University Library. He stated the need for the seminar on this subject. The discussion was led by Shri M. N. Srivastava (Shri K. C. Upadhyaya being the Co-leader) and was participated by a number of students. The majority of the students felt that most of the books should have Title Entries with an eye on local variations. Shri P. N. Kaula inaugurated the seminar and stated the procedure and utility for conducting such seminars.

Seminar 2 :

Problems of Book Selection in a Public Library

This seminar was led by Shri M. C. Srivastava (Shri S. R. Yadav being the Co-leader). Several problems were presented

by the leader and as the result of the discussion, the following conclusions were drawn out

1. A librarian should finally select the books taking into consideration the recommendations of library committee, expert committee and the library staff committee.
2. Proper care should be taken before censoring or rejecting books which are in demand,
3. Subject specialisation should be done and the usefulness of library cooperation and coordination encouraged.
4. There should be the weeding of obsolete and out-dated books at regular intervals

Seminar 3

Library Service in America and India

This seminar shall be remembered as an outstanding event of the year. It was organised at the university level in corporation with the USIS, New Delhi The seminar was conducted from 8-9 October, 1963. It was inaugurated by Justice N. H. Bhagwati, Vice-Chancellor B.H.U Shri P N. Kaula welcomed the Vice-Chancellor and stated the purpose of the seminar. Five sessions of the seminars were held in which two sessions each were devoted in discussing Library Service in India and Library Service in America respectively In this seminar many ideas on library service were clarified by the participants. Working Papers had also been brought by Shri P. N. Kaula and Shri D. G. Donovan, Director, USIS Libraries, New Delhi, who participated on behalf of USIS Shri D Subrahmanyam was the Chairman of the first two sessions and the con luding session. Shri P N. Kaula was the Chairman of the third and the fourth sessions. The Chief participants were Shri B. N. Ghatak, Shri H. D Sharma, Shri J. C Binwal, Shri M. Rajbee, Shri R. N. Kaul, Shri L. S Shukla, Shri R. A. Lal, Shri L. M. P Singh, Shri J. S Tiwana, Shri S. R Gupta, Shri U. M. Thakur, Shri A. Chatterjee, Shri B. N. Shukla and a number of students. The Library Service in India and Library Service in America were analysed in perspective which has been of great help to the students.

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Seminar 4 :

Problems of Indic Names :

This seminar was led by Shri B. S. Bharadwaj (Shri J. S. Tiwana being the Co-leader). Students belonging to different cultural groups had prepared a list of several types of personal names which were discussed under the directorship of Shri P. N. Kaula. The chief participants in this seminar were: Shri S. K. Pande, Shri S. B. Vajpayee, Shri B. N. Shukla, Shri B. N. Saxena, Shri S. R. Gupta, Mrs. K. Dhar, Miss K. Pal, Shri R. R. Dev, Shri R. N. Borah, Shri P. C. Misra. and a number of other students.

4. *Lectures and Talks :*

During the year several lectures by eminent librarians and scholars were organised.

(a) *Prof. S. Bashiruddin :*

Prof. S. Bashiruddin, Director, Rajasthan University Library, Jaipur, stressed the need for developing reading habit and understanding various subjects. He wanted the librarians to be analytical and practical in their technical jobs. Shri P. N. Kaula welcomed Prof. Bashiruddin and analysed some of his outstanding achievements.

(b) *Dr. C. P. Shukla :*

Dr. Shukla stated the role of associations and especially the shortcomings of the Indian Library Association and suggested certain ways and means of uplifting the associations. He felt that the amendments to the constitution of ILA had become a necessity. Shri P. N. Kaula welcomed Dr. Shukla and asked for making ILA a dynamic national organisation.

(c) *Shri G. N. Nagar :*

Shri Nagar, Co-ordinator, Extension Services, Teachers' Training College, explained at length the shortcomings of educational pattern in India. He did not want the teaching to be examination-centered but explained the utility of having subject-centered teaching. Shri Kaula explained several factors responsible for the lower standard of education and he urged the need for the greater use of libraries.

(d) *Dr. Lester Asheim* :

Dr. Asheim, Director, International Relations Office, American Library Association and former Dean of Library School, Chicago University, talked on the Problems of Education for Librarianship. He analysed the problems as under : (1) Need for good educational background ; (2) Greater emphasis on theoretical aspects of training ; (3) Importance of library training at different levels ; and (4) Opportunities for the trained librarians Dr. Asheim stated that Colon Classification was the best suited for Indian libraries and Dewey Decimal Classification was not meant to be used by modern libraries. He thought that the library science course of B.H.U. was the best course available in India. Shri Kaula analysed several other problems concerning library education in India.

(e) *Shri Sen Gupta* :

Shri Sen Gupta, Deputy Librarian, Calcutta, spoke on Recent Trends in Cataloguing. He urged the need for [illegible] uniform practices in Indian Names.

(f) *Shri N. N. Gidwani* .

Shri Gidwani, Librarian, Nagpur [illegible] the importance of Librarianship and [illegible]

(g) *Prof. S. Bashiruddin* :

The students had another [illegible] Bashiruddin, an ex-Librarian in [illegible] Director of Libraries, Jammu and [illegible] ruddin led the students to the [illegible] sibilities and holy duties, which [illegible] librarian. The students felt [illegible] and elaborate picture given [illegible] golden and fruitful future.

(h) *Dr. Waldon, Ex-President* [illegible]

Dr. Waldon [illegible] gave a talk to the [illegible] of Library service [illegible] She felt very [illegible] from the students [illegible]

suitable answer to some of her querries on Library Science in India. She expressed that she found the students of B. Lib. Sc. at B.H.U. to be very keen and enthusiastic in learning things.

5. *Other Activities :*

(a) *Independence Day :*

The Independence Day was celebrated on 15th August, 1963 by hoisting the National Flag. Shri Kaula told the students and members of the staff the need for cultivating the spirit of unity, hardwork, dedication and sacrifice. He felt that the librarians would be second to none in helping the nation to be educated and research minded. He also stressed the roles of librarianship.

(b) *Book Exhibitions :*

In the month of October, 1963, the India Book House, Calcutta, organised a book exhibition in the B.H.U. Library. The students helped the organisers in the planning, setting, organising and supervising the exhibition for the visitors. The exhibition was opened by Justice N. H. Bhagwati, the Vice-Chancellor of B.H..U.

A number of exhibitions were held from 26 to 31st December, 1963 in the B.H.U. library. These exhibitions were organised by the USIS, British Council, Russian Embassy, German Embassy Prentice-Hall and the Hindi Department of B.H.U. The exhibitions were organised in order to make the scientific and technical books, paper back books, and Hindi books known to the visitors. The students helped in setting up these exhibitions in several ways.

(c) *Contact with U.P.L.A. :*

The Students had the opportunity of attending several meetings organised by U.P.L.A. The Library Week celebrated by UPLA was attended by the students. Several students like Shri B. N. Shukla, Shri U. M. Thakur spoke on various occasions. They had also an opportunity of attending the annual meeting of the association at Allahabad on 6th October, 1963.

(d) *Sports Day :*

Another memorable event of the year has been the Sports Day which took place due to the interest taken by Shri Kaula

and Shri H. D. Sharma. The Association created a history in the library education in India by celebrating the Sports Day. Prior to that, games were organised outside the library. It was due to the enthusiasm and the sportsmanship of Shri J. S. Tiwana, Games Secretary, that the games and the sports were organised independently during the year. Several matches were held between the students and the staff of the Library In the sports, several students and the members of the library staff were able to achieve distinction. Shri B. K. Singh won the championship and was declared the best sportsman and athlete in the competition.

(e) *Strength in Teaching Staff*

With the institution of B. Lib. Sc. Course, the Department was able to have another full time lecturer in Library Science. Shri K. N. Gupta, M.A., M. Lib. Sc, joined the Department in October, 1963 and has been very helpful in taking much interest in the work of the Department and the students. Shri H. D. Sharma, M.A, M. L. S. (Michigan) who joined the Library as Professional Senior, has been taking classes as well.

(f) *Library Week :*

The members of the Association participated in the programme of the Library Week organised by the U.P. Library Association from 2 to 8 September 1963. Among the members who were prominent in several ways, were Shri B. N. Shukla, Shri U. M. Thakur, Shri S. R. Gupta, Shri R. N. Pandey and Shri J. S. Tiwana. Shri B. N. Shukla demonstrated his oratory on the subject in Hindi language. The members were benefited by several lectures, seminars, discussions and meetings.

(g) *Finance and Accounts :*

We have been able to lay by Rs. 178/- as the assets of theAssociation to be utilised for printing the journal as and when possible.

6. *Donation :*

Shri B. K. Singh has donated 8 cups to be awarded for distinction in various events and games. The Association has also been donated by Sardar J. S. Tiwana a running Trophy for championship.

TOWN COMMITTEE

No. of Anti-Small pox Vaccination done	4,359
No. of inoculation against cholera	37
No. of inoculation against typhoid	353
No. of B.C.G. Testing	351
No. of B.C.G. Vaccinations	111
No. of certificates of vaccination against small Pox issued to students	974

No. of wells permanganated fortnightly 50

Tube wells near Ruiya Hostel and Dhanarajgiri Hostel were permanganated regularly :

Road watering done by lorry :

(*a*) From Main gate to Prof. De Hostel and all round the Hostels.

(*b*) P.W.D. Store, Post Office, Principal's Colony & Hyderabad Colony.

(*c*) L. D. Guest House, S. S. Hospital, Kala Bhawan, Central Office, International House & New quarters upto new Colony, Chitupur.

Sanitation :

(*a*) Full sanitation work, Guest House, Temple and Malviya Bhawan.

(*b*) Residences :

Collected refuse removed, drains in compound cleaned, cleaning of septic tanks, soakage pits whenever services required and cleaning of latrine pans monthly.

(*c*) Cleaning sewage pumps, manholes and sewage line.

(*d*) Special arrngement for the Inter-University Board of India & Vice-Chancellor's Conference held in December, 1963.

(*e*) Special Sanitary arrangement for inspection by the Visitors Committee and the Executive Committee of the Medical Council of India in the S. S. Hospital, College of Medical Sciences, and in the Ramakrishna Hostel for the N.C.C. Girls' Cadet Camp.

(f) Intensive cleaning of rank vegetation and wild growth of the Library, Women's College, Women's Hostel, Engineering College, College of Mining and Metallurgy, Science College and the assistance rendered on the Celebration of the College days of the above Colleges.

No of cycles licensed	1933
No of Rickshws licensed	7
No. of hawkers licensed	98
No of Gumtis licensed	7
No. of shops licensed at Temple	7
No. of dogs removed	173

ti-Malaria Measures

All Hostels, residential quarters and S. S. Hospital within e campus, Mahendravi Lodge, Rewa Kothi and Kamachha stels and buildings were regularly sprayed with D.D.T. and mmexane. Malariol 'B' 6,800 Litres, D.D.T. 209 Kg. and mmexane Powder 507 Kg. were consumed.

11 samples of water from tube wells and taps near Birla nple, in the Cafetaria and from residences and hostel canteens re sent for Bacteriological Analysis to Provincial Hygiene stitute, Lucknow, out of which 6 samples were reported excent, 3 satisfactory, one unsatisfactory and one as suspicious. mples reported unsatisfactory and suspicious will be sent in for analysis.

भारत कला भवन

आर्थिक व्यवस्था

काशी हिन्दू विश्वविद्यालय से प्राप्त जिसमें यू० पी० सरकार को ३५००) वार्षिक सहायता सम्मिलित है।	२८२८०
आल इण्डिया हैंडीक्रैफ्टस बोर्ड अनुदान	१६०००
उत्तर प्रदेश सरकार की बचत से (६२-६३ की बचत जो २६-३-६३ को प्राप्त हुई)	१००००
उत्तर प्रदेश सरकार की डैवलपमेंट ग्रांट १९६३-६४	१६०००
दान से प्राप्त—श्री राम कुमार जी भुवालका, कलकत्ता	१०००
दान से प्राप्त—कनोरिया कं०, कलकत्ता	११०१
योग :	७२३८१

संग्रह अभिवृद्धि

इस अवधि में कला भवन को अनेक अत्यंत महत्वपूर्ण वस्तुएँ प्राप्त हुई जिनका विवरण निम्नलिखित है :

चित्र विभाग—

१—जैन चित्रपट–२ मूल्य ३०००) विक्रेता—क्यूरियस हाउस, उदयपुर।

२—कल्पसूत्र का एक स्वर्णाक्षरी पत्रा, मूल्य १५००), विक्रेता—देवकिशन पाठक, बीकानेर।

३—विविध चित्र—१५, मूल्य ३००००), विक्रेता—मोती चन्द खजांची, बीकानेर।

४—विविध चित्र—१, मूल्य ४०००) विक्रेता—देवकिशन पाठक, बीकानेर।

५—चित्र भागवत का एक सुलतान कालीन तथा मालवा शैली के ३ चित्र, मूल्य १६००), विक्रेता—क्यूरियस हाउस, उदयपुर।

मूर्त्ति विभाग—

पाल कालीन विष्णु मूर्ति १, मूल्य १७५०), विक्रेता—चुन्नीलाल नौलखा, कलकत्ता।

सिक्के—

अकबर का सुवर्ण का मेहरावी सिक्का १
एवं अन्य सुवर्ण, रजत आदि के सिक्के— विक्रेता—विविध

वसन—

१—लाल रंग का पटका १, जिसके दोनों छोर पर विविध बूटे आदि बने हैं। मूल्य—१०००) विक्रेता—क्यूरियस हाउस, उदयपुर।

२—गुलाब के फूलों के आंचल का शाल १, मूल्य—४००) विक्रेता—नन्दगोपाल मेहरा, दिल्ली।

दान से प्राप्त वस्तुएँ—

१—बाल गोपाल स्तुति का एक सचित्र पत्रा—श्री रावेट स्केल्टन।

२—कल्पसूत्र का स्वर्णाक्षरी पत्रा, दाता—श्री चुन्नीलाल नौलखा, कलकत्ता

श्री सुरेन्द्रनाथ अग्रवाल, नई दिल्ली, की उदारता से श्री रवीन्द्रनाथ के कुछ महत्वपूर्ण पत्र और अन्य सामग्री प्राप्त हुई।

उपर्युक्त के अन्तर्गत खजांची संग्रह की महत्वपूर्ण वस्तुएँ हैं जिनमें एक से एक सुन्दर चित्र हैं जिनके द्वारा हमारा राजस्थानी चित्र संग्रह और भी अधिक महत्वपूर्ण और उपादेय हो गया है।

भवन एवं साज सज्जा

विगत वर्ष में उत्तर प्रदेश सरकार के हैन्डीक्रैफ्ट बोर्ड ने तीन लाख की एक विशेष सहायता वसन विभाग को प्रदर्शित करने के लिए नवीन भवन बनाने हेतु प्रदान की है। आशा है कि शीघ्र ही उक्त विभाग का भवन तैयार हो जायगा और समुचित प्रदर्शन हो सकेगा।

भारत सरकार के शिक्षा विभाग ने साज सज्जा एवं अन्य उपकरणों के लिए द्वितीय पंचवर्षीय योजन में १ लाख २० हजार की विशेष सहायता की है जिसमे कि हमारा प्रदर्शन, रक्षण आदि और [illegible] [illegible] हो जायेगा।

प्रकाशन

कलानिधि का द्वितीय अंक का एक [illegible] [illegible] में छप रहा है। इसके अतिरिक्त दो महत्वपूर्ण संग्रह अनवार-ए-[illegible] एवं [illegible] [illegible] सम्बन्धी पुस्तकें तैयार हैं और छप रही हैं।

प्रदर्शनियाँ

इस वर्ष हमने एक पुरानी प्रवृत्ति को [illegible] [illegible] किया है। कला भवन में समय समय पर पुरानी सामग्रियों की [illegible] [illegible] [illegible] जाती थी जो अर्थाभाव एवं कर्मचारियों के अभाव में [illegible] [illegible] [illegible] थी। [illegible] विषय है कि श्री आनन्द कृष्ण के [illegible] से इस वर्ष [illegible] महत्वपूर्ण प्रदर्शनियाँ हुईं—

१—जर्मन चित्रकारों के चित्रों की [illegible] हुई [illegible]।

२—गगनेन्द्रनाथ ठाकुर के चित्र।

३—कला भवन के वसन विभाग की [illegible] प्रदर्शनी।

४—शारदा लिपि की [illegible] [illegible]।

५—गतवर्ष में संगृहीत कला [illegible] के [illegible] [illegible] की [illegible]।

६—कुँवर संग्राम सिंह [illegible] के चित्र।

७—एल० डी० [illegible] [illegible] [illegible]।

इन प्रदर्शनियों में [illegible] [illegible] [illegible] [illegible] [illegible] साधारणतया [illegible] नहीं है। [illegible] [illegible] [illegible] [illegible] प्रायः दस हजार [illegible] [illegible] [illegible] [illegible] प्रदर्शनियों को सुसज्जित करने में [illegible] [illegible] किया। आगामी वर्ष में [illegible] [illegible] का प्रयास होगा जिसमें [illegible] [illegible] [illegible] [illegible]।

कालिदास जयंती

आर्ट ऐंड आर्किटेक्चर विभाग के सहयोग से महामहोपाध्याय पं० गिरिधर शर्मा जी चतुर्वेदी के सभापतित्व में हमने कला भवन में कालीदास जयन्ती का आयोजन किया। अनेक विद्वानों ने सारगर्भित भाषण दिए।

आर्ट ऐंड आर्किटेक्चर विभाग

भारती महाविद्यालय में स्थानाभाव के कारण आर्ट ऐण्ड आर्किटेक्चर विभाग अपना कार्य कला भवन में ही कर रहा है। स्थानाभाव के कारण इस सम्बन्ध में भी कोई ठीक व्यवस्था नहीं हो सकी है। फिर भी एक ही कमरे को भिन्न-भिन्न अवसरों पर हमारे एवं उक्त विभाग के अध्यापक काम में लाते रहे हैं।

उक्त विभाग के यहां आ जाने से कला भवन भी लाभान्वित हुआ है। उक्त विभाग के अध्यापकों का हमें हार्दिक सहयोग प्राप्त है। विद्यार्थी भी कला भवन से पूर्ण लाभ उठा रहे हैं।

अन्य शैक्षणिक विभागों से संबंध

विश्वविद्यालय ने कला भवन एवं अन्य शैक्षणिक विभागों के पारस्परिक संबंध के हेतु एक उप-समिति का निर्माण किया था। उसकी संस्तुति विश्व-विद्यालय के सभी समितियों से स्वीकृत हो चुकी है।

आर्ट ऐंड आर्किटेक्चर विभाग के अतिरिक्त संगीत कला भारती के कला विभाग का भी पूर्ण सहयोग हमें प्राप्त होता रहा है। वहां के विद्यार्थीगण कलाभवन के संग्रह आदि से लाभ उठाते रहे हैं। इस समय प्राचीन भारतीय इतिहास, संस्कृति और पुरातत्व विभाग की एक छात्रा कला भवन संग्रह की मूर्तियों पर परीक्षा के लिए निबंध भी लिख रही है। इसके अतिरिक्त देश विदेश के विद्वान, अध्येता, एवं संस्थाएँ कलाभवन संग्रह से लाभान्वित होते रहते हैं। कला भवन यथासाध्य उनकी सहायता कर रहा है।

प्रबन्ध एवं संचालन

कला भवन में इस वर्ष दो शैक्षणिक पदों की सृष्टि हुई है जिनमें से एक पर नियुक्त भी हो चुकी है, दूसरे की नियुक्ति भी शीघ्र ही हो जाने की आशा है। इसके कारण कला भवन का कार्यभार कुछ हलका होगा।

श्री राय कृष्णदास को इस वर्ष ललित कला अकादमी ने अपना फेलो नियुक्त कर सम्मानित किया जिससे कलाभवन के कार्य की प्रतिष्ठा हुई।

श्री आनन्द कृष्ण भारत सरकार द्वारा आयोजित भारतीय मूर्तियों के विशेष अध्ययन के लिए मद्रास गये। तामिलनाड, उडीसा आदि में वस्तुओं का अध्ययन किया। उन्होंने अन्तर्राष्ट्रीय प्राच्य विद्या सम्मेलन में भी एक निबन्ध पढ़ा और फिल्मस् डिवीजन में भी एक निबन्ध पढ़ा और फिल्मस् डिवीजन के अनुरोध पर उनके प्रस्तावित फिल्मस् मुगल पेंटिंगस् पर सहायता दी। इसके अतिरिक्त कई सग्रहो का अवलोकन और अध्ययन किया। अलीगढ़ विश्व-विद्यालय के आमंत्रण पर दो व्याख्यान दिया। म्यूजियमस् असोसियेशन की कार्यकारिणी समिति के सदस्य चुने गए और मालवा शैली वाली पुस्तक तैयार की एव कला निधि के अक सपादित किए।

श्री विजय कृष्ण भी इस साल वसन विभाग के लिए शोध कार्य में लगे रहे। श्री शारदा प्रसाद एव कर्णमान सिह ने कई नये चित्र बनाये।

दर्शक—

दर्शकों की सख्या में अभूतपूर्व वृद्धि हुई। उल्लेखनीय दर्शको में कुछ के नाम नीचे दिए हुए हैं :—

श्री आचार्य जुगुल किशोर, शिक्षा मत्री, यू० पी०, मिसेज दवाश, श्री रावर्ट स्केल्टन, अलीगढ के कुलपति श्री तैयब जी, शान्ति निकेतन के कुलपति श्री दास, डा० कोठारी, श्री मोरार जी देसाई, डा० ए० एस प्रोजेन, हेड आफ द एसियन एण्ड अफ्रीकन डिपार्टमेण्ट पालिश इन्सटीट्यूट आफ इन्टरनेशन अफेयर्स, पार्टी आफ सोवियट, जान के० गालब्रेथ, अम्बेसडर, यू०एम०ए०, श्री मुरादेव पाण्डे, पिलानी, लार्ड एवं लेडी लिटन, स्कूल आफ आर्कालाजी, नई दिल्ली के छात्र, कलकत्ता के म्यूजियोलाजी के छात्र, श्री एस० रामचन्द्र ऐयर, जस्टिस मद्रास, यू० पी० सी० के श्री शिवराव, श्री जोशी, श्री कपूर, श्री छावडा, भारत के नेपालस्थित राजदूत श्री हरीदयाल , श्री चदूलाल त्रिवेदी, श्री लक्ष्मी मेनन, यूनियन मिनिस्टर श्री गौतम साराभाई, श्रीमती कमला देवी चट्टोपाध्याय, श्रीमती वेल्स, श्री बलवन्त गार्गी आदि, पूर्वी उत्तर प्रदेश साहित्यकार सम्मेलन के प्रतिनिधि, विलेज कन्सेलिडेशन कमीशन के सदस्य, हैंडीक्रैफ्ट बोर्ड के प्रतिनिधि मडल, भूटानी प्रतिनिधि मंडल, श्री राजमोहन गांधी तथा उनका दल, डा० सुनीति कुमार चाटुर्ज्या, श्री विश्वरूप बोस, जापानी गिफ्ट मडल, जस्टिस मुधोलकर (सुप्रीम कोर्ट), श्री अनन्त शयनम् अयंगार आदि।

अन्य कार्य-क्रम

कला भवन में इस वर्ष कई महत्वपूर्ण भाषण हुए जिनमें [illegible] युनिवर्सिटी की डा० लापशों डिल्यू और डा० [illegible] कुंवर संग्राम सिह जी आदि के भाषण [illegible]

MEDICAL DEPARTMENT

Statement of the patients treated in the following dispensaries during the year 1963-64 (from 1st July, 1963 to 30th April, 1964).

Name of dispensaries	New cases treated	Old cases treated	Total
1. B.H.U. dispensary	36,993	95,643	1,32,636
2. Engineering College dispensary	16,545	17,967	34,512
3. Women's Hostel Dispy.	5,162	1,908	7,070
Total	58,700	1,15,518	1,74,218

General Health of the Inmates and staff:

It has been observed that the general health of the students, in particular, is poorer than the previous years, showing under-nourishment due to deficient diet as well as lack of physical exercise leading to gastic troubles. They contribute so much towards the game fees, but unfortunately, they do not avail it. Inspite of every College having play grounds and gymnasium, only few students are seen on the play grounds or in the gymnasium. This habit has very much increased among the students leading to their bad health.

A good number of worm infestation are treated in the dispenasry showing the contamination of water as well as soil, from which the intestinal worm infestation is caused.

The number of Filariasis cases are increasing yearly in the dispensary. The cases of Filariasis and Malaria are diagnosed clinically.

There is general trend of increase in Pulmonary Tuberculosis, mostly in IV-Class employees and specially in the inmates of Sunder Bagia. The living condition of these people is not satisfactory and specially when there are cases of Pulmonary Tuberculosis which require improvement.

Treatment:

The students residing in the hostels and employees of the University contribute medicine charges in lieu of which they are treated in the different dispensaries and medicines are given

according to the availability of the stock. It is not possible to givee very sort of medicines to these people and so some times they are required to purchase from the market.

The IV-Class employees are given Rs. 25/- per annum from the Welfare Fund of the University for medicines not available in the dispensary.

Health Examination .

Name of Colleges	*No. of students on roll*	*Examined*
C.H.C. (K)	511	409
College of Science	1490	208
Women's College	438	205
College of Min., Met., & Agri.	827	271
Central Hindu College, B.H.U.	1606	706
College of Medical Sciences	231	115
Engineering College	1152	Not exami.
Sanskrit Mahavidyalaya	240	do
Teachers' Training College	138	do
College of Music & Fine Arts	84	do
College of Technology	236	do

It will be observed that there were 6953 students on roll but only 1709 could be examined. During previous years, all the students of the University, residing in the hostels as well as day scholars were examined by the Medical Officers, in their off-duty hours. This year a few centres were started and the Medical Officers used to go to these centres and did Health Examination.

BANARAS HINDU UNIVERSITY PRESS

The University Grants Commission sanctioned a further sum of Rs 30,000/- and this abled us to purchase one new PD—5 automatic printing machine (Russian) Double Demy size. The same has arrived and is awaiting installation.

The New Hall has been made available to us on completion of its construction.

Since September, 1963 we have been entrusted with the work of sale of University Publications and Publications worth about Rs. 20,000/- *have been sold during the period ending* 31st March, 1964.

Statistics below gives a comparative review of the working of the Press during the last 4 years which shows a progressive increase in our working.

	1960-61	1961-62	1962-63	1963-64
Printing, stationery and Press Products	2,90,776/-	3,66,447/-	3,98,460/-	4,70,913

The result of the working during this period has been as under:

Year	Net Profit	Net Loss
1960-61	33.526.00	—
1961-62	—	6,210.00
1962-63	20,000.00	—

The loss in 1961-62 has been due to payment of arrears of salary and wages amounting to about Rs. 40,000/-.

During the year under review we printed/published the following books, Journals. Prospectuses. Reports, besides publication of weekly B.H.U. Gazette, heavy quantity of Examination work, forms, minutes, Calendars etc.

Books :

1.	Vedic Dharma Aur Darshan-Dr. Surya Kant	1,100	copies
2.	Vedic Kosh-Dr. Surya Kant	1,100	,,
3.	Prakaran Panchika—Shri S. Subramaniam Shastri	1,000	,,
4.	Vikramankdevacharitam Part II—Pt. Vishwanath Shastri Bhardwaj	1,000	,,
5.	The Religion we need—Dr. S. Radhakrishanan	2,000	,,
6.	Kashi Ka Itihas—Dr. Motichand	2,000	,,
7.	Rasa Gangadhar Part I—Pt. Madhusudan Shastri	1,000	,,
8.	M. M. Pt. Sudhakar Diwedi's—Life & work-Pt. Kedardutta Joshi	1,000	,,

9.	Kavisamaya Mimamsa—Dr. Vishnu Swarup	1,000	,,
10.	Elements of Statistical Method—Prof. Mukundlal	2,000	,,
11.	Some aspects of Ancient Hindu Polity—Dr. D.R. Bhandarkar	1,000	,,
12.	B.H.U. Extension Lectures 1962-63	500	,,
13.	What is Supreme Being	2,500	,,
14.	Prof. M. L. Schroff Commemoration Vol 1963	350	,,
15.	Vedic Hymns & Prayers	2,500	,,
16	Sangeetraja Part I—Dr. Km Premlata Sharma	1,100	,,
17.	Siddhanta Shiromani Part II—Pt. K. D Joshi	500	,,
18.	History of Koshala—Dr. Vishuddhanand Pathak	1,000	,,
19.	Panch Prasun—Shri Kailash Pati Misra	750	,,
20.	Patrikavada—Dr. Km. Padma Agrawal	1,100	,,
21.	Vishwa Panchanga Sambat 2021	45,000	,,
22.	Hindi Kavya ke Nirgundhara me Bhakti—Dr. Shyam Sunder Shukla	1,000	,,
23.	Geeta Prabachan Mala Part II—Pt Girdhar Sharma Chaturvedi	1,000	,,
24.	Bhaw Rang Lahri Part I—Pt. Balwant Rai Bhatta	1,000	,,
25.	Abstract Part I 1962	1,000	,,
26.	The Himalyan Beas Basin-A study in Habitat Economy & Society—Dr. S. L. Kayashta	500	,,
27.	Chhandospati Vak—Dr. V. S. Agrawal	1,000	,,
28.	Abstract Vol. II 1963	1,000	,,
29.	Bhartiya Rajya Shastra Praneta	2,100	,,
30.	Bhartiya Bhuniti—Shri Kalidas Kapoor	2,100	,,
31.	Chakradhwaj—Dr. V. S Agrawal	1,000	,,
32.	Kenopanishad	1,000	,,
34.	Braj Bhasha Aur Brajboli Sahitya—Dr. Karnika Biswas (now Tomar)	1,000	,,

35.	Under Graduate Medical Education—Col. Amir Chand	500	copies

Reports :

1.	University Employment Information and Guidance Bureau, 1962	450	,,
2.	The B.H.U. Old Students Association—Damodar Valley Region	500	,,
3.	Souvenir Brochure N.C.C.	400	,,
4.	Prayer	8,000	,,
5.	The Post Graduate Institute of Indian Medicine	400	,,
6.	Economics for your Career	500	,,
7.	View Point	150	,,
8.	Background of case work & select case studies	250	,,
9.	Psychology for your career	500	,,
10.	Plan a Career—Physics for your career	500	,,
11.	Mathematics Society 1963-64	400	,,
12.	Souvenir Endocrinology	400	,,

Journals :

1.	Jyoti 1963	450	,,
2.	Journal of the Medical Sciences Vol. IV No. 2 July, 1963	600	,,
3.	Prajna Vol. IX (i) October, 1963	5,000	,,
4.	Journal of Scientific Research Vol. XIII (2) 1962-63 June, 1963	250	,,
5.	Bharati No. 6 Pt. II 1962-63	500	,,
6.	Samvartika	500	,,
7.	Prajna Vol. IX (ii) March, 1964	5,000	,,
8.	Journal of Scientific Research Vol. XIV (i) 63-64 December, 1963	250	,,
9.	Bharati No. 7 Part I & II	500	,,

Prospectuses :

1.	1st & 2nd yr. Int. Courses in Technology 1st Yr. Int. in B. Pharm. 1964	14,000	,,

2.	III, IV Yr. Int. Courses in Engg.	1,500	copies
3.	III, IV & V Yr. Int. Courses in Engg. Min. & Met. Engg.	800	,,
4.	P.U.C. Arts & Science	3,000	,,
5.	Three Year B.Sc. Degree Course	3,000	,,
6.	Three year B.A. Degree Course	5,000	,,
7.	III, IV & V Yr. Int. Courses in Chem Engg. and Silicate Tech.	800	,,
8.	C.H. School & Boarding House	500	,,
9.	II, III & IV yr. Int. Course in Pharmaceutics	800	,,
10.	I Yr. Int. Courses in Agriculture	800	,,
11.	Pre-Medical Courses	1,500	,,
12.	M.Sc. (Prev.) and M.Sc. (Final)	4,000	,,
13.	M.A. (Prev.) & M.A. (Final)	7,000	,,
14.	Three year B.Com. Degree Course	1,200	,,
15.	M.Sc. Agriculture	800	,,
16.	II, III & IV yr. Int. Courses in Agriculture	800	,,
17.	Certificate & Diploma Exam. in Science	600	,,
18.	M.Com. Prev. & Final	1,000	,,
19.	M.Sc. Min., Met. & Tech.	1,000	,,
20.	M.B.B.S.	1,500	,,
21.	M.S. & M.D.	800	,,
22.	Certificate & Diploma Exam. in Arts	1,000	,,
23.	Library Science Exam.	800	,,
24.	M.Ed. & B Ed.	1,000	,,
25.	Three year LL.B. & LL M.	1,500	,,
26.	Religion & Theology	1,200	,,
27.	Faculty of Music & Fine Arts	1,200	,,
28.	Admission Exam.	1,500	,,
29.	M.A. Sociology & Political Science	500	,,
30.	Shri Ranvir Sanskrit Vidyalaya rules for admission etc.	1,000	,,

Our publications amounted to 57 last year, where as this year it has gone upto 85, i.e. an increase of 50%. As

compared to 8 books published in 1962-63, we have published 34 this year.

About 20 books are still in hand and some are likely to be completed in the very near future.

The press is already running in two shifts since 1st November, 1963 *to cope with heavy rush of work. It is proposed to start* the third shift shortly.

The Vice-Chancellor has on several occasions expresed his wish to raise further the status of the B.H.U. Press. We have since submitted a phased programme of development to the University Grants Commission.

For the first time in the history *of* our press, the publication ceremony of a book was held. Our Chancellor, H. H. Maharaja Dr. Karan Singh, Sadar-i-Riyasat Jammu & Kashmir, presided over the ceremony held in the Malviya Bhawan to mark the publication of Sangeet Raja Part I of Rana Kumbha edited by Dr. Km. Premlata Sharma.

SECOND U.P. BATALLION NATIONAL CADET CORPS

Number of Staff :

Sen. Div. N.C.C. Officers	15
Sen. Div. N.C.C. Cadets	240
Jun. Div. N.C.C. Officers	3
Jun. Div. N.C.C. Cadets	150

1. Inter-University Board of India Conference :

The 9th quinquennial conference of the Inter-University Board of India was held in B.H.U. from 29 Dec. to 31 Dec. '63. The conference was also attended by Major General Virendra Singh, Director General, N.C.C. and Brigadier Rajendra Singh, Director, N.C.C., Uttar Pradesh. All Vice-Chancellors endorsed the policy of introduction of compulsory N.C.C. training upto Degree classes. During the course of this conference, the N.C.C. cadets of the B.H.U. gave a demonstration in various aspects of training consisting of Signal training, Infantry in Defence, Tank crew drill, Musical PT display by girls, bayonet fighting and rifle drill. The demonstration was witnessed by all the Vice-Chancellors and was greatly appreciated.

2. Compulsory N.C.C. Training:

Compulsory N.C C. training was introduced during academic session 1963-64 for all students in the University. This was, however, relaxed later by a resolution of the University Council. Post Graduate Students are now exempted from compulsory N.C.C. training. There are, however, still a number of Post Graduate Students undergoing N.C C. training on voluntary basis.

3 N.C.C. Flag March:

Approximately 2000 cadets both boys and girls of the B.H.U. joined in a spectacular flag march organized on 15th Aug., 63 to celebrate the Independence Day. The flag march was preceded by a Guard of Honour to the Vice-Chancellor given by N.C C. cadets. The ceremony ended with a general salute taken by the Vice-Chancellor, Colonel N. H Bhagwati

4. 26th January Parade·

At 09.30 hrs. on 26 Jan. '64 a ceremonial parade was held on the occasion of the Republic Day. Approximately 2500 cadets both boys and girls participated in the parade with police band in attendance. The salute was taken by Colonel N H Bhagwati, Vice-Chancellor, B.H.U On conclusion of the parade, refreshments were given to all cadets. The parade was attended by the University staff and other dignatories of the town.

5. Re-Organization of N.C.C.

During the period under review, re-organization of the N.C.C. units on S Coy. basis has been approved by the Government. As a result of this re-organization, the Infantry Bns of the B.H.U. are being re-grouped. Also the following new raisings have been approved :—

(*a*) 13 UP Girls BN N.C C.
(*b*) 4 UP Engineers BN N.C.C.

6. Raising of Additional Technical Units in B.H.U.

While firm orders from the Government have yet not been received, it is expected that the following technical units may be raised soon :—

(*a*) Air Sqn.
(*b*) Naval Wing Unit
(*c*) Medical Unit
(*d*) Signal Unit

If these units are sanctioned, B.H.U. shall have a total of 11 N.C.C. units.

7. *Camps:*

The following camps were held during the period under review in which cadets from B.H.U. participated:

(*a*) *Senior Division Girls Camp:*

The camp was held in Ramakrishna Hostel, from 2 to 8 Jan. 1964. Approximately 230 girls attended the camp.

(*b*) *All India Summer Training Camp (Girls):*

An all India Summer Training Camp (Girls) was held at Dharamshala from 26 May to 6 June 64, which was attended by 1 Lady Officer and 8 Girl cadets from the B.H.U.

(*c*) *Republic Day Contingent:*

9 Cadets from the B.H.U. attended the Republic Day parade at Delhi.

(*d*) *2 UP Infantry BN Camp:*

2 UP INF BN organized an annual training camp in B.H.U. from 4-17 Nov' 63.

(*e*) *Rifle Exercise:*

Rifle Bns of the B.H.U. conducted 6 rifle exercises of 1 day duration for all coys.

3RD UP EME SECTION, NATIONAL CADET CORPS ENGINEERING COLLEGE

Number of students in each course:

1st Year	1
2nd Year	61
3rd Year	21

Number of staff:

Officer	1
N. C. C. Offr.	2
J. C. O.	1
N. C. O.'s	3

Changes in the staff :

2/Lt S. N. Kohli left for U.S.A. for higher studies.

New appointments during the year with their dates of joining duties :

1. Major N. Chandrasekharan has taken the Command of this unit w.e.f 1-2-64.
2. 2/Lt G. Rajsekar returned back from U.S.S.R. on 6-12-63.
3. Hav. Sunit Singh joined on 26-1-64.

General Remarks :

Examination results in Certificate 'B' and 'C' were 68%.

UNIVERSITY FILM CLUB

The Film Society had its 1st show on 18th October, 1963. A documentary on the life and teachings of Shri Rabindra Nath Tagore directed by Shri Satyajit Ray was screened. In all eight exhibitions were held during the year and the following films were exhibited.

1. R. N. Tagore
2. This is B. B. C.
3. A shifting Line
4. Chhatrapati Shivaji
5. Frontier
6. Jhansi-Ki-Rani
7. Energetically Yours
8. Childhood of Maxim Gorky
9. Dr. Karvo
10. Pather Panchali
11. On Such a Night
12. Pyyasa
13. Holy Himalayas
14. Ramayana
15. Shoot the nets

Attempts were made to organise the members into groups for discussion on the artistic merits of the films but even though almost all the films drew huge crowds, only a few members had

patience to wait after the show to participate in the discussion. Those who participated, realised the value of such discussions and felt that members should meet frequently for discussions. It was also suggested that noted film Directors and Producers should be invited to educate the members about the technique and art of motion pictures. Such association will also help the motion picture industry to estimate and appreciate intelligent criticism of the trends in the industry.

As regards the function of the Society, a member suggested that the Film Council should give a schedule of exhibitions much in advance. In some of the cases, the members could not know as to what film will be exhibited till the last moment. If the Council could give a list of films available with it for the year, the Society could choose and book the films and adjust the dates of exhibition accordingly.

SECTION IV

AFFILIATED COLLEGES

D. A. V. DEGREE COLLEGE

No. of students in each course:

P.U.C.	4
B.A. Pt. II	192
B.Com. Pt. II	108
B.A. Pt. III	153
B.Com. Pt. III	80

No. of Staff:

Principal	1
Head Lecturers	9
Lecturers	11
Lecturers (Part-time)	2
Lecturers (Part-time) for Gen. Education & Gen. Science from B.H.U.	10

Changes in the Staff:

The services of two temporary Lecturers, one in Hindi and another in Eng., were made substantive,. The post of a tempo. part-time lecturer in Psychology was made temporary whole time and a fresh appointment was made there-on.

New appointments during the year with their dates of joining duties:

	Name	*Appointment*	*Joining Date*
1.	Dr. A. P. Pandey, M.A., Ph.D.	Lecturer in Hindi	3-9-1963
2.	Sri R. Prasad, M.A.	Lect. in Engg.	5-9-1963
3.	Sri H. S. Ughra, M.A.	Lect. in Phil. (Temp).	21-11-1963

	Name	Appointment	Joining Date
4.	Sri V. K. Mehrotra M.A.	Temp. Lect. in Psy	11-9-1963
5.	Sri R. Shastri, M.A.	Temp. Part-time Lect. in Pol.	7-9-1963
6.	Sri A. N. Ganguli, M.A.	Temp. Part-time Lect. in Bengali	7-1-1964

Changes in the courses, syllabus etc. :

The new P.U.C. Three Year B.A. and B.Com. courses continued with no change.

The new Three Year degree courses with the scheme of tutorials and sessionals have positively improved the academic work in thoroughness and effectiveness.

Research work :

Two Lecturers of the Arts section and two of the Commerce section of the College have been carrying on researches for Ph.D. under the University.

Social & extra-curricular activities :

The different Study Circles of the College functioned progressively with lectures and discussions etc., occasionally having speakers from the University and outside.

N. C. C. and N. C. C. Rifles :

The N.C.C. unit, under the Banaras Independent Company, Varanasi, and the two N.C.C.R. Companies, under the 7 U.P., G.P. N.C.C. Rifles, Varanasi, functioned and progressed in the College with further zeal and distinctions, standing as the best N.C.C. unit and N.C.C.R. companies in the city and among the best in the State.

The N.C.C. and the N.C.C.R. have proved very helpful in building up high general discipline as well as well-trained strength of the youth.

Exam. Results :

The College kept up its records of high percentage of passes with merit positions at the University Examinations. The records of the College at the University Examinations 1964 stood as under :

Examinations	*Percentage of passes*	*Merit Positions*
B.A. Part III	74	One in 1st Class
B.Com. Part III	89	Three in 1st Class
B.A. Part II	73	
B.Com. Part II	69	
P.U.C.	75	

VASANTA COLLEGE FOR WOMEN

No. of students in each course:

B.A. Part. II	50
B.A. Pt. III	45

No. of staff:

	Sanctioned strength	*Actual strength*
Principal	1	1
Heads of the Deptts.	8	8
Lecturers	7	7

Distinguished visitors:

1. Shri R. R. Diwakar, Secretary, Gandhi Smarak Nidhi
2. Smt. Radha Bernier
3. His Holiness Swamiji, the head of the Vaishanava Matha
4. Dr. Keskar
5. Shri Narayan Desai, Sarvodaya Worker
6. Shri Dada Dharmadhikari
7. Shri J. Krishnamurthy

Sports and Games:

We have about one acre of ground for Games & Sports. P.T. is Compulsory for all the classes. Badminton, Volley-Ball & Basket-ball etc. are being played.

VASANTA KANYA MAHAVIDYALAYA

No. of students in each course:

B.A. Pt. II	72
B.A. Pt. III	62

Number of Staff :

Lecturers	18

Changes in the staff :

Km. Sumiti Adval, lecturer in English, resigned. A temporary arrangement was made up to the end of the session.

New appointments during the year with their dates of joining duties :

Km. Deepashree Goswami joined on 23-7-63.

Distinguished visitors :

1. Shri Dhirendra Nath Mazumdar of the Khadi Board.
2. Shree Sri Ram, President of the International T.S.
3. Mr. J. Parkins, Vice-President of the International T.S.
4. Syt. Achyuta Patwardhan

Sports and games :

The girl students of the College maintained their supremacy in the District Sports and came off with flying colours in the annual Regional Rally. They won trophies and annexed 1st & 2nd Prizes. The District and Regional Championships were also won by them.

Social and extra-curricular activities :

As usual, the birthday anniversary of the great sons of India was observed. In the International Theosophical Convention, girls presented a dance drama which was highly appreciated.

University Results :

In B.A. Part II 79 students appeared and 76 passed. In B.A. Pt. III 61 students appeared and 57 passed. The percentage of passes was 93%.

ARYA MAHILA DEGREE COLLEGE

No. of students in each course :

B.A. Part II	60
B.A. Part III	32

No. of staff :

Lecturers (whole-time).	5
Lecturers (Part-time).	4

Changes in the staff :

The appointment of an English lecturer was done during the year.

Name	*Designation*	*Date of joining*
Km. Maya Chakravarty	Lecturer in Eng.	16-7-1963

Research Work :

Smt. Sarla Bakshi M.A., B.Ed , lecturer in Political Science, has been doing research work in the University in Political Science during the year. Her subject of the Thesis was "Social & Political Thoughts of Dr. Annie Basent." She has completed the thesis and submitted the same to the University.

Social & Extra-Curricular Activities :

The college observed the birthday anniversary of the great patriots, poets & saints of India like Mahatma Gandhi, Ravindra Nath Tagore, Tulsi Das etc.

Independance Day on 15th August, The Teachers' Day on 5th Sept., The Children's Day on 14th November, and Vasant Panchami were celebrated with great enthusiasm and solemnity.

Games and Sports :

Different varieties of Games & Sports were played by the girls of the college. Every year Sports Meet is held for the girls of the college in various types of races, games and other sports.

Results :	*No. appeared*	*No. passed*	*Pass Percentage*
B.A. Part II	59	51	86.4%
B.A. Part III	31	28	90%

General Remarks :

The college has received the Recurring Grant of Rs. 9,492/- during the year 1963-64 from the State Government. The college building is now complete with the construction of the Recreation Hall-cum-Auditorium for which the Central Government has sanctioned a grant of Rs. 35,000/-.

SECTION V

SCHOOLS MAINTAINED BY THE UNIVERSITY

CENTRAL HINDU SCHOOL, VARANASI

Number of students in each Class:

X	174
IX	192
VIII	139
VII	143
VI	145
V	36
Total	829

Number of staff:

Sanctioned strength		*Actual strength*
40	Permanent	34
	Temporary	6

Three teachers have retired and the posts have been filled up by the Selection Committee of B.H.U.

Changes in the staff:

(i) Shri K. K. Verma has been promoted to Senior grade vice late S. Bharatiya died.

(ii) Shri J. P. Srivastava has been promoted to Senior grade vice Shri B. N. Jaitly, retired.

(iii) Shri Hari Shankar Chaubey has been appointed in permanent cadre on probation for two years in Junior grade vice Shri J. P. Srivastava.

(iv) Shri Mahindra Kumar Singh has been appointed in permanent cadre on probation for two years in Junior grade vice Shri Hari Har Jha, resigned.

(v) Shri Surendra Prasad Sharma has been appointed in permanent cadre on probation for two years in Senior grade vice Shri S. N. Chaubey, retired.

The following arrangements were made:

(vi) Shri S. D. Dubey was promoted to Senior grade as a temporary measure till permanent appointment was made, vice Shri S. N. Chaubey retired.

(vii) Shri Krishna Mohan Srivastava is working in place of Shri K. K. Verma promoted to Senior grade.

(viii) Shri R. A. Upadhyaya worked in place of Shri J. P. Srivastava promoted to Senior grade.

(ix) Shri Shyama Das Chatterjee worked as a temporary measure in place of Shri S. D. Dubey.

(x) Shri Dinesh Kumar Sharma worked as a temporary measure in place of Shri D. P. Misra retired.

(xi) Shri Adya Lal Srivastava has been appointed from 1-5-1964 in permanent cadre on probation for two years in Junior grade vice Shri D. P. Misra retired.

(xii) Shri Chittranjan Shah worked as a temporary measure in place of Shri Hari Har Jha resigned.

(xiii) Shri Hari Shankar Singh is working in place of Shri A. P. Dwivedi, P. T. teacher on deputation with B.H.U. till selection is made by B.H.U. or when Shri D. N. Singh, previously appointed in place of Shri A. P. Dwivedi lent to C.H.G.S., reverts.

New appointments during the year with their dates of joining duties :

(i) Shri J. P. Srivastava joined on 9-7-1963.

(ii) Shri K. K. Verma joined on 9-7-1963.

(iii) Shri Hari Shankar Chaubey joined on 2-12-1963.

(iv) Shri Mahindra Kumar Singh joined on 6-11:1963.

(v) Shri Surendra Prasad Sharma joined on 9-11-1963..

(vi) Shri Adya Lal Srivastava joined on 1-5-1964.

Changes in the courses, syllabus etc :

A detailed report to introduce the Higher Secondary Education has already been submitted. The matter is pending the sanction of the Executive Council and the University Grants Commission. At present the B.H.U. Admission Syllabus is in vogue.

The syllabus of the State Government is followed in classes from V to VIII.

Research work and Publications :

The following teachers of the school are carrying on Research Work :

(i) Shri Mohan Lal Tewari

(ii) Shri B. N. Ojha

Distinguished Visitors :

(i) Sports Day—Major B. S. Mata.

(ii) Annual Function Day—Shri N.H. Bhagwati, V.C., B.H.U.

(iii) Fare-Well of Class X—Pt. Ram Kuber Malaviya, Sanskrit University, Varanasi.

(iv) Four members of the University Grants Commission.

(v) N. C. C. Day—Lt. Col. B. S. Gupta, Station officer, VNS.

Sports and Games :

The school makes provision for the National and International games as well as field athletics. Physical Training is compulsory in classes V to VIII. The school also organises Inter-Classes and Inter-House tournaments. It also participates in Inter-School and District Meets and field athletic competitions.

Annually, the school organises Inter-School Students and Teachers Swimming Competition.

(*a*) Sir Sunder Lal House maintained its supremacy and took 1st place in Hockey and Volley-ball.

(*b*) The first place in foot-ball was claimed by Gurtu House.

(*c*) Malviya House took first place in Cricket.

(*d*) Besant House took Second place in Foot-ball and in Cricket.

(*e*) Besant House was first in 'C' Division Hockey.

(*f*) The Krishnan and Gurtu House took the first place in Foot-ball and Cricket.

Shri Rajendra Upadhya and Ganesh Prasad, students of class X, were selected for the 1st Eleven of the Inter School and College District Team. Shri Shashi Sekhar a student of class IX B is a best swimmer of this district. The Uttar Pradesh

Region selected him for National Swimming Competition held in Cuttack. The school annexed the following three trophies:

(i) 'B' and 'C' Division Cricket Trophies.

(ii) Teachers' Cricket Trophy.

Social and Extra-Curricular Activities ·

The school celebrated the following during the year:

(i) Tulsi Jayanti (ii) Shri Krishna Janamashtami (iii) Children's Day (iv) Malviya Jayanti (v) Independence Day (vi) Republic Day (vii) Mahabir Jayanti (viii) U. N. O. Day (ix) Rabindra Nath Tagore's Day (x) Swami Vivekanand Jayanti (xi) School Annual Function (xii) Organisation of Debate in English and Hindi and (xiii) Shiksha Diwas.

General Remarks:

The school arranges for Mid-day meal for all the boys.

The V.S.S. Department of the School has a capital of Rs. 90,000/- in G. P. Notes and 7,800/- in Post Office. The school introduced compulsory assignment work in all the important subjects of the different classes to improve written work and correct expression. This system has proved marvellous improvement in boys. The school introduced compulsory use of School uniform by boys every day and mass P.T., both bore very satisfactory results.

CENTLAL HINDU GIRLS' SCHOOL, VARANASI

Number of students in each class:

Tenth	115
Nineth	112
Eighth	103
Seventh	115
Sixth	102
Fifth	87
Fourth	90
Third	90
Second	59
First	60
Nursery	80
Total	1013

There are three groups of studies in classes IX and X. Numbers of students in each group are as follows:

	Class IX	X
Literary group	39	24
Science group	31	34
Arts group	42	47

Number of Staff:

	Sanctioned strength	*Actual strength*
Head mistress	1	1
Assistant Mistresess & Masters	50	50

Changes in the Staff:

(*a*) Sm. Kala Kaul, one of the senior teachers of this institution, was appointed on temporary basis as a lecturer in the Teachers' Training College, B.H.U. from 9-7-1963 to 30-4-'64.

(*b*) Dr. Miss Kamalini Mehta another one of the senior teachers of this institution was appointed on temporary basis as lecturer in the Central Hindu College, B.H.U. from 22-7-1963 to 30-4-'64.

(*c*) Miss N. Sen was appointed on temporary basis as a Physical instructress in the Women's College, B.H.U. from 9-7-1963 to 30-4-'64.

(*d*) Sm. Geeta Ghoshal, an assistant mistress of this school retired from service on 30-4-'64.

(*e*) Sm. Satyawati Shah, 1st Asstt. Mistress of this school is on leave prior to retirement from serivce from 3-1-'64.

(*f*) Sm. Priyambada Devi, an assistant mistress, is on leave prior to retirement from service from 19-11-'63.

(*g*) Miss K. Oak was on study leave from 17-7-'63 to 30-3-'64.

(*h*) Miss Anjali Bhattacharya, an asststant mistress, was on study leave from 10-8-'63 to 30-4-'64.

New appointments during the year with their dates of joining duties :

	Name	*Date of joining*
1.	Sm. Devhooti Sinha	9-7-63
2.	Miss Minati Barat	9-7-63
3.	Miss Shiela Datta	29-8-63
4.	Miss Renu Roy	9-7-63
5.	Sri D. N. Singh	1-7-63
6.	Sm. S. B. Telang	4-7-63
7.	Mrs. Mavis Simlai	22-7-63
8.	Miss Harwant Kaur	26-7-63
9.	Sm. Ava Rani Chatterjee	8-7-63
10.	Sri T. N. Nagar	23-7-63
11.	Miss Santosh Kapoor	10-8-63
12.	Miss Rajiva Kanti Shah	20-8-63
13.	Sm. Gouri Roy	5-9-63
14.	Sm. Krishna Roy	16-9-63

Changes in the courses, syllabus etc ·

The University authorities are planning to introduce the Twelve Year Higher Secondary Course. Courses and Syllabus for the said course have been drawn.

Distinguished Visitors :

(*a*) Members of the University Grants Commission and the Ministry of Education, Govt. of India, visited the institution on 30-8-'63 They were highly impressed by the working of the school. The students also staged an entertainment programme in the evening.

(*b*) Mrs. Prabajika Atmapana from Sharda Math delivered a very enlightening lecture on the life of Swami Vivekanand on 16-10-'63.

(*c*) Mr. Joseph Neklapil and Mrs. Lotre Neklapil of Pfadfinder Osterreichs Laudeskorps N. Ostern-Perchtoldsdorf i.e. Scouts and Guides of Austria, Europe, came to India on a friendly visit. They came over to Varanasi and stayed and visited the school on 18-2-'64.

Sports and Games :

(*a*) (i) In the Regional Athletic Rally our Athletes won both the Individual and Team Championships for the Juniors.

(ii) Our students were Runners up among the Seniors.

(*b*) Under the auspices of B.A.A.A., nine atheletes of this Institution qualified themsleves to participate in the State Meet, Lucknow.

(*c*) In the State Meet, Lucknow, three Atheletes were selected to participate in the National Olympic Meet, Calcutta. There, one athelete secured 3rd position in Javlin Throw and another stood 6th in Long Jump.

(*d*) One player from our school was selected for the National Hockey Match.

(*e*) Our students won Team Championship in the State Volley-Ball Match.

(*f*) (i) One of our students stood first in the National Gymnastics Performance.

(ii) Km. Aruna Das Gupta of Class VI is selected for Gymnastics-World Olympics, Tokyo.

Social and Extra-Curricular Activities :

(*a*) Guiding :

(i) We have 384 Guides and 168 Bulbuls in twelve Registered Guide Companies and seven Registered Bulbul Flocks respectively.

(ii) Forty Guides along with eight Guiders participated in the State Rally, Allahabad. Their work was highly appreciated by all concerned.

(iii) Two Guiders attended the Extensive Training Camp for Guiders at Panchmarhi.

(iv) Two Guiders participated in the Advance Training Camp for Guiders at Shitlakhet.

(v) Two Guiders attended the Rangers' Training Camp held at the local Vipin Behari College for Girls.

(vi) One Guider completed the Himalaya Wood Badge Course and received the Parchment.

(*b*) Emergency:

(i) Four Guiders took part in the Emergency Guiders' Training Camp held on Regional Basis in the local Queen's College. Four new guide Companies and one new Ranger Company has been started in the institution this year.

(ii) The students decided to forego the Annual Lunch. The money thus saved was utilized for the good cause of presenting two Bush Transistors Radio to the Jawans.

(iii) Quite a number of books and magazines have been sent to Jawans by the members of the staff.

(*c*) N. C. C. .

One Registered N.C.C. and one Reserved N C C Unit is functioning in the school. Forty five cadets of the former Unit participated in the Annual N.C C. Camp at Kanpur. Our N.C C. Unit was declared to be the best in (i) Parade (ii) Discipline. Six Cadets passed the J. I. Examination

(*d*) Universal Children's Day:

We arranged a regular fair on the 14th of November '63. Parents of students up to class V were invited. The shops run by students under the guidance of teachers were very tastefully decorated. Children enjoyed a swing on the Giant Wheels, had Elephant Joy Ride, played games and sports and went round the bazar buying and eating things. Sweets were distributed. On the 9th of November '63, a picnic was arranged at Ram Nagar. His Highness very kindly entertained the children, gave them sweets and showed them a sword which belonged to Prithviraj Chouhan.

(*e*) Extra Coaching classes were held for class IX and X.

(*f*) Merit Scholarships:

The following scholarships were secured by our students this year:

(*a*) Government Merit Scholarship	15
(*b*) Government Backward Scholarship	3
(*c*) Kayastha Pathshala Trust Scholarship	1
(*d*) Local Endowed Scholarship	3

(*g*) Examination Results :

Admission Examination, 1963

No. of girls appeared	*No. of Girls Passed*					
	1st Div.	*IInd Div.*	*IIIrd Div.*	*Suppl.*	*Total*	*Percentage*
106	4	53	22	10	89	84%

Distinction :

Math.	2
V. Music	3
Physics & Chem.	2
Geography	1

श्री रणवीर संस्कृत विद्यालय

१—श्री रणवीर संस्कृत विद्यालय में नामावली के अनुसार १९६३-६४ में प्राचीन छात्रों की संख्या १३६ थी। विभिन्न कक्षाओं में नवीन प्रविष्ट छात्रों की संख्या ६८ थी। सम्मिलित रूप में छात्र संख्या २०४ थी। यहां नेपाल, आसाम, बंगाल बिहार, उत्तर प्रदेश, मध्य प्रदेश, पंजाव, और जम्मू-काश्मीर तक के छात्र अध्ययन करते हैं जिनमें सर्वाधिक उत्तर प्रदेश, नेपाल, बिहार आदि के हैं।

२—वेद, व्याकरण, साहित्य, दर्शन, ज्योतिष, इन प्राचीन संस्कृत विषयों के साथ-साथ गणित, हिन्दी, इतिहास, भूगोल, नागरिक शास्त्र, साधारण विज्ञान और अंग्रेजी, इन आधुनिक विषयों के अध्यापन की व्यवस्था विश्वविद्यालय ने सुचारू रूप से इस विद्यालय में कर दी है। १९६४ की विश्वविद्यालयीय प्रवेशिका परीक्षा में २४ छात्र प्रविष्ट हुए, जिनमें ६ प्रथम श्रेणी, १४ द्वितीय श्रेणी और एक तृतीय श्रेणी में उत्तीर्ण हुआ।

३—**विद्यालय की विशेषताएँ:**

(क) छोटे बालक और बालिकाओं को प्राइमरी कक्षा ४ से ही इस प्रकार के पढ़ने-पढ़ाने की व्यवस्था उत्तर भारत में प्राय: कहीं नहीं दृष्टिगोचर होती हैं। यह इसकी सर्वाधिक पहली विशेषता है।

(ख) इस विद्यालय की प्रवेशिका परीक्षा उत्तीर्ण कर लेने पर आर्ट, साइंस, की ९वी कक्षाओं में या संस्कृत की मध्यमा की विभिन्न कक्षाओं में छात्रों का आबाध रूप से प्रवेश हो जाता है। यह इसकी दूसरी विशेषता है।

(ग) यहाँ के छात्रों को संस्कृत का इतना प्रौढ़ ज्ञान करा दिया जाता है कि जिससे उनमें उच्च माध्यमिक कक्षा तक का निःसन्देह संस्कृत का ज्ञान प्राप्त हो जाता है। यह इसकी तीसरी विशेषता है।

(घ) संस्कृत विद्यालयों में साधारण विज्ञान की प्रयोगात्मक शिक्षा देने की व्यवस्था देश भर में कहीं नहीं है, जो केवल यहीं है। यह इसकी चौथी विशेषता है।

(ङ) यहां पर बालकों को शारीरिक व्यायाम तथा खेल के लिए भी उचित प्रबन्ध है। स्काउट की शिक्षा भी विशेष रूप से दी जाती है। यह इसकी पांचवी विशेषता है।

४—यहाँ की अध्ययन प्रणाली को देखने के लिए विभिन्न विभाग के उच्च-उच्च शिक्षाधिकारी और पदाधिकारी गण विशेष अवसरों पर आकर यहां के बच्चों के कार्यक्रमों को देखकर आश्चर्यान्वित होते हैं, कि इतने छोटे बच्चे आधुनिक सभी विषयों का अध्ययन कैसे कर लेते हैं।

५—यहां विभिन्न विषयों की शिक्षा देने वाले अध्यक्ष को छोड़कर अध्यापकों की संख्या ७ है। अध्यापक गण मनोवैज्ञानिक ढंग से पढ़ाने में बड़ी तत्परता से कार्य कर रहे हैं। विश्वविद्यालय के अधिकारियों ने यहाँ के बालकों की सन्तोष जनक प्रगति देखकर एवं कार्य का सचालन देखकर छात्रों को जलपान एवं कार्यालय में एक स्थायी लेखक का प्रबन्ध दसों वर्ष से कर दिया है। इससे विद्यालय को उन्नति होने में अनेक शुभ लक्षण देखने में आ रहे हैं।

६—विद्यालयीय पाक्षिक सभा में व्याख्यान, वाद विवाद, प्रतियोगिता एवं अन्त्याक्षरी प्रतियोगिता आदि में यथा समय छात्र भाग लेते ही हैं। और इसके अतिरिक्त सेन्ट्रल हिन्दू स्कूल के वार्षिकोत्सव के अवसर पर यहाँ के छात्र भाग लेकर पुरस्कृत हुए हैं। काशी हिन्दू विश्वविद्यालय की गीता परीक्षा में भी यहाँ के छात्र को पुरस्कार मिला है।

७—२७ दिसम्बर, ६३ को माननीय सदरे रियासत महाराज डा० कर्ण सिंह जी (चान्सलर हि० वि० वि०) ने यहाँ बालकों के अध्ययन को देखकर उन्हें विद्यालय द्वारा यथा समय सांसारिक गतिविधियों का ज्ञान कराने के लिए एक "ईको रेडियो" प्रदान किया। चौखम्भा संस्कृत सिरीज के पुस्तकाध्यक्ष ने विद्यालय को कुछ विशेष मूल्य की पुस्तकें भेंट की हैं। इस वर्ष विद्यालय में यह सब कार्य विशेषतः उल्लेखनीय हैं।

८—३० छात्रों के रहने लिए यहाँ एक छात्रावास जम्मू-काश्मीर महाराज की मेन हवेली दशाश्वमेध, वाराणसी में है। जहाँ निःशुल्क भृत्य और विद्युत्प्रकाश के अतिरिक्त छात्रों को भोजनार्थ सहायता १० रु० प्रति छात्र विश्वविद्यालय प्रदान करता है। छात्रावास में तान्त्रिक एवं वैदिक सन्ध्या नियमित करायी जाती है। एक छात्रावास में कार्य चलते हुए न देखकर अधिकारी गण दूसरे

छात्रावास बन जाने की आशा प्रकट किये हैं। इसके अतिरिक्त छात्रावास से बाहर रहकर विद्यालय में पढ़ने वाले २५ छात्रों को प्रति छात्र ६ रु० मासिक के हिसाब से तथा १ छात्र को डा० कर्ण सिंह मेरिट स्कालरशिप १५ रु० मासिक सहायता दी जाती है। यहाँ पिछड़ी जाति के बालक भी शिक्षा और सहायता पाते हैं। यह भी विशेष उल्लेखनीय है।

१९६३-६४ के आय व्यय का विवरण

आय		व्यय	
(अ) राज्य से अनुदान	३७०८.००	अध्यापक-वेतन-मंहगाई	१४,३१२.५१
(ब) धर्मार्थ ट्रस्ट कौंसिल		क्लर्क का वेतन-मंहगाई	१,६०८.७६
से (जम्मू-काश्मीर)	१२००.००	भृत्य का वेतन-मंहगाई	३,६०८.५०
(स) छात्र वृत्ति से प्राप्त	१६००.००	छात्रवृत्ति	१,५२०.६२
(द) डा० कर्णसिंह मेरिट-		डा० कर्णसिंह-मेरिट	
स्कालशिप	१५०.००	स्कालर शिप	१५०.००
		अन्य व्यय	८,६१४.५६
योग	६,५५८.००	योग	२९,५४९.९५

छात्रावास का आय-व्यय विवरण

आय		व्यय	
छात्र वृत्ति	३,०००.००	(अ) छात्रवृत्ति	२,८२२.७६
		(ब) वार्डेन एला०	४८०.००
		(स) भृत्य-वेतन-मंहगाई	१,०८५.९०
		(द) अन्य व्यय	४७६.१८
योग	३,०००.००	योग	४,८६३.९४

APPENDICES

APPENDICES

B. Affiliated Colleges

Arya Mahila Degree College	92	9
D.A.V. Degree College	537	23
Rajghat Besant School	...	...
Vasant Kanya Mahavidyalaya	134	13
Vasanta College for Women	95	16
Total	858	61

TABLE II(A)

FACULTYWISE ENROLMENT OF THE STUDENT POPULATION OF THE UNIVERSITY

Faculty	*No. of Students*
Arts	2096
Science	1771
Oriental Learning & Theology	279
Music & Fine Arts	218
Technology	2542
Law	168
Medicine & Surgery	340
Total	7414

TABLE III-EXAMINATION RESULTS OF 1964

ANNUAL AND SUPPLEMENTARY

(*a*) *Annual Examinations :*

Name of Examination	No. Appeared	No. Passed	Classes I	II	III	Pass
Admission	857	465	50	245	170	...
P.U.C. (Arts)	287	142	14	93	35	...
B.A. (Two Years Course)	407	144	...	14	130	...
B.Com. (Two years Course)	67	54	...	10	44	...
B.A. (Three years Degree Course)	727	586	18	171	397	...
B.Com. (Three years Course)	185	169	5	57	107	...
M.A. in Politics	80	44	1	27	16	...
Economics	94	72	...	34	38	...
Pali	2	2	1	1	...	...

Name of Examination	No. Appeared	No. Passed	Classes I	II	III	Pass
Art & Architecture	5	5	1	4	...	...
Indian Phil. & Religion	4	4	...	3	1	...
Mathematics	29	19	3	10	6	...
Sanskrit	42	42	12	29	1	...
History	143	131	1	85	45	...
Geography	22	22	3	19	...	...
Philosophy	17	14	...	10	4	...
Psychology	51	45	1	26	18	...
Ancient Indian History, Cul. & Archaeology	26	24	2	19	3	...
Hindi	164	159	1	90	68	...
English	286	261	3	98	160	...
Statistics	2	2	...	2	...	...
B.Ed. Theory	125	125	1	103	21	...
Practical	126	124	8	102	14	...
As a whole	126	124	...	...	...	...
M.Ed.	13	13	4	9	...	...
M.Com.	49	46	4	37	5	...
Diploma in Hindi	7	6	...	1	...	5
Diploma in French	8	6	3	3	...	...
Diploma in Chinese	3	1	1	...	...	...
Diploma in German	51	28	14	14	...	...
Diploma in Statistical Method	5	5	4	...	...	1
Diploma in Archaeology	1	1	...	...	...	1
Diploma in Numismatics	2	2	...	...	...	2
Diploma in Library Sc.	3	2	1	...	1	...
B.Lib. Sc.	33	32	6	19	...	7
P.U.C. (Science)	385	242	51	167	24	...
B.Sc. (Two yrs. Course)	43	19	...	6	13	...
B.Sc. (Three Years Degree Course)	207	184	28	104	52	...
M.Sc. in Geophysics	11	11	...	9	2	...
Spectroscopy	7	6	2	4	...	...
Physics	27	20	12	8	...	...
Statistics	6	6	4	1	1	...
Chemistry	37	36	13	21	2	...
Zoology	12	12	3	8	1	...
Geography (New Course)	3	3	...	2	1	...

Name of Examination	No. Appeared	No. Passed	Classes I	II	III	Pass
Geography (Old course)	1	1	...	1	...	...
Mathematics (Old Course)	1	...	...	...	...	...
Mathematics (New Course)	11	6	4	2	...	...
Botany (Old Course)	2	2	...	1	1	...
Botany (New course)	22	21	...	9	6	...
P.G. Dip. in Spectroscopy	5	4	...	...	...	4
B.Pharm.	12	12	1	11	...	...
M.Pharm.	Not announced					
B.Sc. Silicate Tech.	2	2	2	...	...	...
B.Sc. Chem. Engg.	43	43	8	35	...	...
B.Sc. Mining Engg.	33	33	8	25	...	...
B.Sc. Met. Engg.	51	51	40	11	...	...
M.Sc. Met. Engg.	Not announced					
M.Sc. Engg.	Not announced					
B.Sc. Civil Engg. (Old)	1	1	1	...	...	...
B.Sc. Elect. Engg. (Old)	11	10	1	9	...	...
B.Sc. Met. Engg. (Old)	3	3	1	2	...	...
B.Sc. Civil Engg. Integ.	71	71	59	12	...	...
B.Sc. Elect. Engg. Integ.	63	63	37	26	...	...
B.Sc. Mech. Engg. Integ.	92	91	78	13	...	...
B.Sc. (Ag.)	68	68	9	51	8	...
M.Sc. (Ag.) Plant Physiology	13	12	6	6	...	...
Plant Pathology	7	7	7	...	...	...
Agronomy	8	8	6	2	...	...
Agri. Economics	9	7	2	5	...	...
LL.B.	144	86	4	79	...	...
LL.M.	Not announced					
Pre-Medical Course	77	72	18	54	...	...
A.B.M.S.	55	36	...	...	...	...
Certificate in Music :						
Theory	27	25	9	10	6	...
Practical	27	24	6	8	10	...
As a whole	27	23	...	...	...	...
Diploma in Music (Old Course)						
Theory	8	8	5	3	...	...
Practical	8	7	2	3	2	...

Name of Examination	No. Appeared	No. Passed	Classes I	II	III	Pass
As a whole	8	7	...	...	...	...
Diploma in Music						
(New Course)	13	8	2	6	...	...
B. Music Theory	7	7	3	4	...	...
Practical	7	6	2	3	1	...
As a whole	7	6	...	...	...	...
M. Music Theory	3	3	3	...	...	...
Practical	3	3	3	...	...	...
As a whole	3	3	...	...	...	...
D. Music	2	2	1	...	1	...
Junior Dip. in Sculpture						
Theory	1	1	...	...	1	...
Practical	1	1	...	...	1	...
As a whole	1	1	...	...	...	...
Senior Dip. in Painting						
Theory	6	6	1	4	1	...
Practical	6	5	...	5	...	...
As a whole	6	5	...	...	...	...
Diploma in Fine Arts						
Theory	4	4	1	3	...	...
Practical	4	3	1	...	2	...
As a whole	4	3	...	...	...	...
Paurohitya Ratna	1	1	...	1	...	...
Praveshika in Sanskrit	24	21	6	14	1	...
Madhyama	15	12	3	5	4	...
Shastri	17	16	8	7	1	...
Karma Kand Shastri	1	1	...	...	1	...
Acharya	18	12	6	6	...	...
(b) *Supplementaries*						
Admission	55	40				
P.U.C. Arts	9	9	...	...	...	...
B.A.	44	21	...	...	...	...
B.Com.	2	2	...	...	...	...
P.U.C. Science	9	9	...	...	...	...
B.Sc. (Old)	3	3	...	...	...	...
A.B.M.S.	Not announced					

TABLE IV

RESEARCH ACTIVITIES

(a) Enrolment Particulars

Colleges	No. of students enrolled for Ph.D.
Central Hindu College	60
College of Science	191
College of Indology	58
College of Technology	4
College of Agriculture	33
College of Mining and Metallurgy	12
College of Music and Fine Arts	4
Engineering College	6
Law College	6
Sanskrit Mahavidyalaya	8
Teacher's Training College	9

TABLE IV

(b) Theses Accepted for the award of Ph.D. Degree of the University

Name of the Candidate	Title of the Thesis	Year of award	Degree awarded	Subject
1. Dr. Ganesh Shridhar Shastri Waray	"The Philosophy of Vijnanabhikshu"	1963	Ph.D.	Sanskrit
2. Dr. Ram Awadh Pandey	"Unadi Sutron Ka Tulnatmak Adhyayan (A comparative study of Unadi Sutras)"	1963	Ph.D.	do
3. Dr. (Smt.) Gyanwati Trivedi	"Goswami Tulsidas Ki Drishti men Nari our uska Manavjiwan men Mahatva	1963	Ph.D.	Hindi
4. Dr. (Smt.) Kaushalya Gupta	"Riti Kalin Kavita Men Vesh-Bhusha"	1963	Ph.D.	do
5. Dr. Km. Jameela Quraishi	"Islami Sanskriti Ka Madhyayugeen Hindi Sahitya Men Yogdan"	1963	Ph.D.	do
6. Dr. Vijai Shanker Mall	"Sahitya Ka madhyam Ka roop men Hindi Gadya Shaily Ka Vikas"	1963	Ph.D.	do
7. Dr. Kashi Nath Singh	"Hindi Men Sanyukta Kriyayen (Compound verbs in Hindi)"	1963	Ph.D.	do
8. Dr. Shanti Prakash Atreya	"Yoga as a system for Physical, Mental and Spiritual Health"	1963	Ph.D.	Philosophy

Name of the Candidate	Title of the Thesis	Year of award	Degree awarded	Subject
9. Dr. K. Shivaraman	"The Philosophy of Saiva Siddhanta"	1963	Ph.D.	do
10. Dr. (Km.) Saral Srivastava	"A critical study of the Varnashram System."	1963	Ph.D.	Ancient Indian History, Culture and Archaeology
11. Dr. Balram ji Srivastava	"Studies in the History of Trade and Commerce in Ancient India (from earliest times up to Circa 3rd Century A.D.)"	1963	Ph.D.	do
12. Dr. Jay Shanker Mishra	"A political and social study of Albiruni's India"	1963	Ph.D.	do
13. Dr. (Km.)Gayatri Agrawal	"Life as depicted in the works of Bhasa"	1963	Ph.D.	do
14. Dr. Km. Indra Bhan Singh	"Preparation of a standardised Group Test of General mental ability for school going children in Punjabi".	1963	Ph.D.	Psychology
15. Dr. Raja Ram	"History of Guhilots from A.D. 550-1364	1963	Ph.D.	History
16. Dr. Dhyaneshwar Awasthi	"Sir Spencer Harcourt Butler's Administration in the United Provinces of Agra & Oudh (1918-22)"	1963	Ph.D.	do

17. Dr. Basant Singh	"Land Utilisation in Chakia Tehsil, Banaras District. U.P."	1963	Ph.D.	[illegible]
18. Dr. Kashi Nath Singh	"Rural Markets and Urban Centres in Eastern U.P. A Geographical Analysis"	1963	Ph.D.	do
19. Dr. Ram Briksh Singh	"Geography of Rail-Road Transport in Uttar Pradesh."	1963	Ph.D.	do
20. Dr. Anil Chandra Banerji	"Profit-Sharing with Reference to India"	1963	Ph.D.	Economics
21. Dr. Km. Asha Verma	"Studies in Amperometric Titrations"	1963	Ph.D.	Chemistry
22. Dr. Muppalla Chaitanya Eshwar	"Studies in some application of hypobromite and chloramine T in amperometry"	1963	Ph.D.	do
23. Dr. C. P. Joshua	"Chemistry of Hector's Bases"	1963	Ph.D.	do
24. Dr. G. V. Gopala Krishna Rao	"Mode of action of Vitamin D"	1963	Ph.D.	do
25. Dr. Ramji Tripathi	"Self-diffusion, Electro-diffusion and Electro-migration"	1963	Ph.D.	do
26. Dr. Om Prakash Asthana	"Studies in the Amperometric Determination of some elements as salenite"	1963	Ph.D.	do
27. Dr. Om Prakash Mehta	"Studies on the Time-Rates of Adsorption of Ions at Micro and and Tracer Concentrations."	1963	Ph.D.	Chemistry

37.	Dr. Satya Prakash	"Spectral studies of some Mono-substitute Benzenes"	1963	Ph.D.	do
38.	Dr. V. G. *Nelivigi*	"Ecology, Grazing effects and Reproductive Capacity of six forbs in the Grass Vegetation *of Varanasi*"	1963	Ph.D.	Botany
39.	Dr. Radhey Shyam Ambasht	"Root Habits in response to soil erosion, silting and inundation".	1963	Ph.D.	do
40.	Dr. K. Subbaramaiah	"Effects of Chemicals including mutagens and radiation on fischerella musicota (Thuret) Gomont."	1963	Ph.D.	do
41.	Dr. Hriday Narain Singh	"*Effects* of Ultra-violet on blue-green Algae".	1963	Ph D.	do
42.	Dr. Brijraj Krishna Das	"The study of Metamorphics and structures of the Chaukhutia Area, District Almora, U.P."	1963	Ph.D.	Geology
43.	Dr. Girdhari Singh Bhandari	"A study on some soils of Rajasthan with special reference to Organic Matter"	1963	Ph.D.	Agriculture
44.	Dr. Uma Shanker Gupta	"Effect of Boron and Zinc on the growth and Physiology and Salt and Alkali *Tolerance of Tobacco* K-19 and on Nodulation and Nitrogen Fixation in Sunn-hemp K-12".	1963	Ph.D.	do

Name of the Candidate	Title of the Thesis	Year of award	Degree awarded	Subject
45. Dr. Ramesh Chandra Pal	"Some aspects of non-linearity in Magnetic circuits".	1963	Ph.D.	Electrical Engineering
46. Dr. P. N. Choudhury	"Analysis of subsequent Pick up Transcients in Loop Signalling Junction Repeaters".	1963	Ph.D.	do
47. Dr. Surendra Sahai Bhatnagar	"Low Nickel and Nickel substantive free stainless steels"	1963	Ph.D.	Metallurgical Engineering
48. Dr. Brajeshwar Paul	"Studies in the chemotherapy of Amoebic and Bacterial Infections".	1963	Ph.D.	Pharmaceutics

APPENDIX 'B'

LIST OF MEDALS AND PRIZES AWARDED AT THE CONVOCATION OF 1963

1.	*The Chancellor's Medal*	Awarded to Km. Alapati Vimlavati for securing the highest percentage of marks at the M.A. & M.Sc Examinations, 1963.
2.	*The Prince of Wales Medal*	Awarded to Shri Tarun Krishna Kamilla for standing first at the B Sc. (Mech. Engg) Examination, 1963
3.	*The B.H.U. Gold Medal*	Awarded to Shri Avanindra Nath for standing first at the B.Sc. (Elect. Engg.) Examination, 1963.
4.	*The B.H.U. Gold Medal*	Awarded to Shri Sarvesh Chandra Agarwala, for standing first at the B.Sc. (Civil & Municipal Engg.) Examination, 1963.
5.	*The B.H.U. Gold Medal*	Awarded to Shri Pramod Kumar Srivastava for standing first at the B.Sc. (Met. Engg.) Examination, 1963.
6.	*The B.H.U. Gold Medal*	Awarded to Shri Satish Chand Agarwal for standing first at the B.Sc. (Min. Engg.) Examination, 1963.
7.	*The B.H.U. Gold Medal*	Awarded to Shri Sanghavi Jagdish Manilal for standing first at the B.Sc. (Chem. Engg.) Examination, 1963.
8.	*Kaviraj Braj Mohan* Medal	Awarded to Shri Sitaram Laxman Ghanekar, for standing first at the A.B.M.S. Examination, 1963.

28.	*Shrimati Gargi Devi Deodhar Medal*	Awarded to Shri V. J. Menon for standing first among B.A. & B.Sc. Part III Exam., 1963.
29.	*Durga Shanker Dixit Silver Medal*	Awarded to Shri Madhu Sudan Mishra for standing first amongst Regular students of M.A. Hindi Examination, 1963.
30.	*Randhir Singh Padak*	Awarded to Km. Urmila Sharma for standing first in Sanskrit among lady candidates at the B.A. Part III Examination, 1963.
31.	*Dr. Karan Singh Gold Medal*	Awarded to Km. Ratna Venkat Rao for standing first in Political Science at the M.A. Examination, 1963.
32.	*Priyamvada Devi Memorial Silver Medal*	Awarded to Km. Anjali Bhattacharjee for standing first in Bengali at the B.A. Pt. III Examination, 1963.

PRIZES

1.	*Samskrit Debate Prize Rs. 18/-*	Awarded to Shri Ram Nagina Sharma for standing first at the Shastri Exam., 1963.
2.	*Ram Kashi Prize Rs. 17/-*	Awarded to Sri Brahmachari Divyanand for standing first in Mimamsa at the Acharya Examination, 1963.
3.	*Griffith Ramayan Prize Rs. 51/-*	Awarded to M/S. (1) Ram Nagina Sharma (2) Vishwambhar Misra for standing first and second respectively in Order of Merit at the Shastri Examination, 1963.
4.	*K. P. Devasthali Prize Rs. 21/-*	Awarded to Sri V. J. Menon for standing first in Physics at the B.Sc. Pt. III Examination, 1963.

5.	*N. V. R. Nageswar Iyer Prize Rs. 30/-*	Awarded to Sri Tarun Krushna Kamilla for standing first in Electrical Engineering subject at the B Sc. (Engg) Exam., 1963.
6.	*Aruna Prize Rs. 40/-*	Awarded to Shri Mahavir Prasad Jain for standing Second at the Final B.Pharm., Examination, 1963
7.	*Malaviya Prize Rs. 40/-*	Awarded to Sri Hemendra Nath Bhargava for standing first at the Final B.Pharm , Examination, 1963.
8.	*Dr. Bhagwan Das Prize Rs. 36/-*	[illegible] mination, 1963.
9.	*Sri Durga Dutt Iswari Dutt Prize Rs. 30/-*	Awarded to Sri Ram Awadhesh Mishra for standing first in English Literature at the B.A. Part III Examination, 1963.
10.	*Kumar of Sant Rampur Prize Rs. 20/-*	Awarded to Kumari Asha Srivastava for standing first in Painting at the B.A. Part III Examination 1963.
11.	*Rai Kashi Bai Gauri Shankar Prize Rs. 36/-*	Awarded to Sri Salik Tewari for standing first in Samskrit at the B.A. Part III Examination, 1963.
12.	*Rani Vishnu Pal Kumari Prize Rs. 30/-*	Awarded to Kumari Meenakshi Agarwala for standing first in Home Science at the B.A. & B.Sc. Part III Examinations, 1963.
13.	*B.H.U. Music Association Prize Rs. 30/-*	Awarded to Km. Mridula Tandon for standing first in Music at the B.A. Pt. III Exam., 1963.
14.	*Shiva Narayan Prize Rs. 33/-*	Awarded to Smt. Bhupinder Seetal for standing first at the M.Mus. Exam., 1963.

15.	*R. B. Daya Ram Sahu Prize Rs. 33/-*	Awarded to Km. Ranjana Sahgel for standing first in Hindi at B.A. Pt. III Exam., 1963.
16.	*Devi Prasad Agnihotri Prize Rs. 15/-*	Awarded to Km. V. Usha Devi for standing first at the B.A. Pt. III Exam., 1963.
17.	*Devi Prasad Agnihotri Prize Rs. 15/-*	Awarded to Shri Suresh Prasad Gupta standing first at the B.Com. Pt. III Exam., 1963.
18.	*Swami Madhusudananand Saraswati Prize Rs. 75/-*	Awarded to Sri K. M. Patel for standing first at the M.A. Examination 1963.
19.	*Swami Madhusudananand Saraswati Prize Rs. 75/-*	Awarded to Sri Radhey Mohan Srivastava for standing first at the M.Com. Exam., 1963.
20.	*B.H.U. Prize Rs. 70/-*	Awarded to Sri Madhusudan Mishra for standing first in Hindi at the M.A. (Final) Examination, 1963.
21.	*B.H.U. Prize Rs. 70/-*	Awarded to Km. Usha Kaul for standing first in English at the M.A. (Final) Examination, 1963.
22.	*B.H.U. Prize Rs. 70/-*	Awarded to Sri Mani Shanker Shukla for standing first in Ancient Indian History, Culture & Archaeology at the M.A. (Final) Examination, 1963.
23.	*B.H.U. Prize Rs. 70/-*	Awarded to Shri Prakash Dubey for standing first in Philosophy at the M.A. (Final) Examination, 1963.
24.	*B.H.U. Prize Rs. 70/-*	Awarded to Sri Kamala Shanker Dubey for standing first in Geography at the M.A. & M.Sc. Examinations, 1963.
25.	*B.H.U. Prize Rs. 70/-*	Awarded to Sri Kishan Chand Tandon for standing first in Psychology at the M.A. (Final) Examination, 1963.

26. *B.H.U. Prize Rs. 70/-* Awarded to Km. Kadandhale Kasturi for standing first in Indian Philosophy and Religion at the M.A. (Final) Exam. 1963.

27. *B.H.U. Prize Rs. 70/-* Awarded to H. S. Srinivasa Rao for standing first in History at the M A. (Final) Exam., 1963.

28. *B.H.U. Prize Rs. 70/-* Awarded to Sri Krishna Nand Pandey for standing first in Economics at the M A. (Final) Examination, 1963.

29. *B.H.U. Prize Rs. 70/-* Awarded to Sri Radhey Mohan Srivastava for standing first at the M.Com. (Final) Exam., 1963.

30. *B.H.U. Prize Rs. 70/-* Awarded to Sri Alakh Niranjan Mantri for standing first in Physics at the M.Sc. 1(Final) Examination, 1963.

31. *B.H.U. Prizes Rs. 70/-* Awarded to Km. Alapati Vimlavati for standing first in Chemistry at the M.Sc. (Final) Examination, 1963.

32. *B.H.U. Prize Rs. 70/-* Awarded to Km. Savitri Gujarati for standing first in Botany at the M.Sc. (Final) Examination, 1963.

33. *B.H.U. Prize Rs. 70/-* Awarded to Sri Hrishi Kesh Singh for standing first in Geology at the M.Sc. (Final) Examination, 1963.

34. *B.H.U. Prize Rs. 70/-* Awarded to Sri Sen Pathak for standing first in Zoology at the M.Sc. (Final) Examination, 1963.

35. *B.H.U. Prize Rs. 70/-* Awarded to Sri Jai Ram Singh for standing first in Geophysics at the M.Sc. (Final) Exam., 1963.

36. *B.H.U. Prize Rs. 70/-*	Awarded to Sri Krishna Murari Lal for standing first in Spectroscopy at the M.Sc. (Final) Examination, 1963.
37. *B.H.U. Prize Rs. 70/-*	Awarded to Sri Ram Shankar Pathak for standing first in Mathematics at the M.A. & M.Sc. (Final) Examinations, 1963.
38. *B.H.U. Prize Rs. 60/-*	Awarded to Miss Vimala Singhal for standing first in Chemistry at the B.Sc. Pt. III Examination, 1963.
39. *B.H.U. Prize Rs. 60/-*	Awarded to Km. Madhu Pande for standing first in Geology at the B.Sc. Part III Exam., 1963.
40. *B.H.U. Prize Rs. 60/-*	Awarded to Miss Uttara Das Gupta for standing first in Zoology at the B.Sc. Pt. III Examination, 1963.
41. *B.H.U. Prize Rs. 60/-*	Awarded to Shri Mohan Lal Jain for standing first in Botany at the B.Sc. Pt. III Examination, 1963.
42. *B.H.U. Prize Rs. 60/-*	Awarded to Sri V. J. Menon for standing first in Physics at the B.Sc. Part III Exam., 1963.
42. *B.H.U. Prize I*	Awarded to Sri V. J. Menon for standing fir athematics the B.S I Exam., 3.
B.H.U. Prize Rs	d to S n for ng fir cs at . and III tio
Prize Rs.	

46. *B.H.U. Prize Rs. 40/-* Awarded to Km. Asha Kaul for standing first in Economics at the B.A. Part III Exam., 1963.

47. *B.H.U. Prize Rs. 40/-* Awarded to Km. Asha Kaul for standing first in Politics at the B.A. Part III Exam., 1963.

48. *B H.U. Prize Rs. 40/-* Awarded to Km. Asha Khare for standing first in Psychology at the B.A. Part III Exam., 1963.

49. *B.H.U. Prize Rs 40/-* Awarded to Km. Usha Devi for standing first in Ancient Indian History, Culture and Archaeology at the B.A. Part III Examination, 1963.

50. *B.H.U. Prize Rs. 40/-* Awarded to Km. Nandita Mukerjee for standing first in History at the B.A. Part III Examination, 1963.

51. *B.H.U. Prize Rs. 40/-* Awarded to Shri Suresh Prasad Gupta for securing highest percentage of marks in Accounts and Auditing at the B.Com. Part III Examination, 1963.

STATEMENT SHOWING APPOINTMENTS & QUALIFICATIONS OF

Name of the teacher appointed	College and Deptt. to which posted — Sanskrit Mahavidyalaya — Deptt.	Designation	Scale of pay
1. Shri V. S. Ram Chandra Shastri		Principal	700-1100
2. Shri Mool Shanker Shastri	Darshan	Lecturer (on probation)	400-800
3. Shri Ganesh Jha	do	Temp. Part-time Lecturer	Fixed

......MADE DURING THE ACADEMIC YEAR 1963-64.

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
820/-	Prachin Nyaya Vidwat, Navin Nyaya Vidwat, Mimasa Vidwat, Sahitya Shiromani (Madras), Exp 33 years	13 7 63	—
100/-	Acharya (Govt. Sans College) I Div. Exp 25 years.	9 7 63	
200/- Fixed	Vyakarnacharya (B.S.S.) II Div Shanker Vedantacharya I Div Gold medalist, Navya Vyakarnacharya II Div. (Govt. Sans College, Varanasi), Navya Nyayacharya I Div., Gold Medalist (Bihar Sanskrit Samiti), Exp 20 years.	13 9 63	Reappointed

Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
	Central Hindu College		
	Deptt.	Designation	
1. Dr. M. C. Joshi	Psychology	Reader (on probation)	700-1100
2. Shri S. D. Kapoor	do	Temp. Lecturer	400-800
3. Shri S. N. Upadhyaya	do	do	400-800
3(*a*) Shri Lakshmi Kant Pathak	do	do	400-800
4. Dr. Syed Mohd. Fida Abbas Rizvi	Urdu, Persian & Arabic	do	400-800
4.(*a*) Shri Dilawar Husain Khan	do	do	400-800
5. Shri Brij Ratan Das Agrawal	English	do	400-800
6. Shri Ram Swarup Sharma	do	do	400-800
7. Shri D. Ramkrishna	do	do	400-800
8. Shri Rama Kant Asthana	do	do	400-800
9. Dr. H. L. Singh	History	Professor (on probation)	1000-1500
10. Dr. Lallanji Gopal	do	Reader (on probation)	700-1100

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
700/-	B.A. (Hons.) (B.H.U.), I Div., M.A. (B.H.U.) I Div., Ph.D. (B.H.U.) A.M. (Stanford), Exp. 7 years.	9-7-63	..
460/-	M.A. (B.H.U.) II Div. 4th Position, Sahitya Ratna (Hindi Sahitya Sammelan, Prayag) II Div. Exp. 3 years	9-7-63	Reappointed
400/-	B.A. (B.H.U.) II Div. M.A. (GKP) I Div. Exp. 1 year.	16-1-64	do
400/-	B.A. (GKP) II Div., M A. (GKP) I Div. Ist position. Exp. 2 years.	9-7-63	Reappointed and Resigned on 4-1-64
400/-	B.A. (Hons.) (LKO) II Div., M.A. (LKO) I Div. Ist position, Ph.D. (Aligarh) Exp. 2 months.	27-9-63	..
400/-	M.A. (Urdu & Persian) Punjab I Div. Gold medalist, M.A. (Hist.) I Div. Gold medalist, M.A. (English) I Div., B.T. I Div., Exp. 14 years.	9-7-63	Reappointed
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U. II Div., Exp. 2½ yrs.	9-7-63	Reappointed
400/-	B A. (Alld.) I Div. 9th position M.A.(Alld.)I Div. 2nd position.	22-7-63	..
400/-	B.A. (Andhra Univ.) I Div., M.A. (B.H.U.) I Div. 1st Rank Exp. 1 year.	9-7-63	Reapponted
400/-	B.A. (Agra), II Div., M.A. (GKP), II Div. Exp. 1 year.	19-7-63	do
1200/-	B.A. (B.H.U.) I Div. 1st position M.A. (Hist.) (B.H.U.) I Div.,M.A.(Pol.Sc.)(B.H.U.)II Div.,Ph.D.(Lond)Exp.21yrs.	10-12-63	
700/-	B.A. (Alld.) I Div. 4th position M.A. (Alld.) I Div. Ist position D.Phil. (Alld.), Ph.D. (Lond.), Exp. 6 years.	21-11-63	

Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
	Central Hindu College		
	Deptt.	Designation	
11. Shri Jharkhande Chaube	History	Temp. Lecturer	400-800
12. Dr. N. Kundu	do	do	400-800
13. Shri H. A. Phadke	do	do	400-800
14. Shri D. Awasthi	do	do	400-800
15. Shri R. K. Bhartiya	do	do	400-800
16. Dr. Tribhuwan Singh	Hindi	Lecturer (on probation)	400-800
17. Dr. N. N. Upadhyay	do	do	400-800
18. Dr. K. K. Mishra	do	Temp. Lecturer	400-800
19. Dr. (Miss) Kamalani Mehta	do	do	400-800
20. Dr. S. S. Shukla	do	do	400-800
21. Dr. R. N. Sharma	do	do	400-800
. Dr. G. S. Nepali	Politics	Lecturer in Sociology (on probation)	400-800
4. Smt. S. Jetly	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.A. & M.A. (B.H.U.) II Div. Exp. 3 years.	2-8-63	Reappointed
400/-	B.A. Pass. M.A. (Cal.) II Div. M.A., Ph.D. (Lond.), Exp. 5 years.	29-2-64	..
400/-	B.A. (B.H.U.) II Div., M.A. (Hist.) (B.H.U.) I Div. Ist position, M.A. (A.I.H.C. & A.) (B.H.U.) I Div., 2nd position. Exp. 7 years.	15-7-63	..
400/-	M.A. (LKO) II Div. Ist position. Exp. 4 years.	9-7-63	Reappointed and Resigned on 14-1-64
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) I Div. Ist position Exp. 1 year.	9-7-63	Reapppointed
490/-	B.A. (Agra) III Div., M.A. (B.H.U.) II Div., Ph.D. (B.H.U.)	9-7-63	Reappointed
400/-	B.A. (Agra) II Div., M.A. (B.H.U.) I Div., Ph.D. (B.H.U.) Exp. 5 years.	9-7-63	..
460/-	M.A. (B.H.U.) III Div., Ph.D. (B.H.U.) Exp. 20 years.	9-7-63	Reappointed
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) II Div., Ph.D. (B.H.U.) Exp. 25 years.	22-7-63	..
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) I Div., Ph.D. (B.H.U.) Exp. 6 years.	23-7-63	..
400/-	B.A. (LKO) III Div., M.A. (LKO) I Div., Ph.D. (LKO) Exp. 2 years.	14-2-64	..
400/-	B.A. (Bombay) Pass, M.A. (Bombay), II Div., Ph.D. (Bombay). Exp. 2½ years.	30-8-63	..
400/-	B.A. (Hons.) (Delhi) III Div., M.A. (GKP) I Div. Ist position	21-8-63	..

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B A. & M.A. (B.H.U.) II Div. Master's Diploma in Public Administration	14-2-64 till 30-4-64	..
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) I Div., B L. (Kerala)	13-7-63	Reappointed
400/-	B.A. & M.A. (Alld) II Div. D.Phil (Alld.) Exp. 2 years.	9-7-63	do
400/-	B.A. (B H.U.) II Div., M.A. (B.H.U.) II Div., Shastri (V.S.U.) Ph.D. (B H.U.) Exp. 2½ years.	9-7-63	do
400/-	B.A. (Hons.) (Utkal) II Div., M.A. (Utkal) I Div. Ist position.	21-11-63	Resigned w.e.f. 13-2-64
700/-	B.Com. (B.H.U.) I Div., M.Com. (B.H.U.) I Div.	9-7-63	..
700/-	Ist position. Exp. 10 years.	27-8-63	
700/-	M.Com. (Agra) I Div., Sahitya Ratna.	21-11-63	..
—	M.A. (Pol.), M.A. (Econ.)	9-7-63	..
400/-	B.Com. (B.H.U.) II Div., M.Com. (B.H.U.) I Div. Second position, Sahitya Ratna Pt. I (Hindi Sahitya Sammelan, Prayag). Exp. 2 years.	9-7-63	Reappointed
400/-	B.Com. (B.H.U.) II Div. 2nd position, M.Com. (B.H.U.) I Div. Ist position.	9-7-63	..
200/-	B.Com. (B.H.U.) II Div., M.Com. (B.H.U.) II Div. Exp. 8 months.	22-8-63	Reappointed
400/-	M.Com. (B.H.U.) I Div. Ist position	21-9-63	Relieved from 22-10-63
700/-	B.Com. (B.H.U.) II Div., M.A. (B H.U.) II Div., Ph.D. (Agra). Exp. 12 years.	9-7-63	..

	Name of the teacher appointed	College and Deptt. to which posted		Scale o pay
		Central Hindu College		
		Deptt.	Designation	
38.	Shri Krishna Lal Kool	Economics	(*a*) Temp. Lecturer	400-800
			(*b*) Lecturer (on probation)	do
39.	Shri G. N. Gandhi	do	Temp. Lecturer	400-800
40.	Shri R. S. Lal	do	do	400-800
41.	Dr. Bhagwan Das Agrawal	Mathematics	Lecturer (on probation)	400-800
42.	Dr. Swadesh Ranjan Roy	do	Lecturer	400-800
43.	Shri S. N. Lal	do	Lecturer (on probation)	400-800
44.	Shri Radhakrishna Lanka	do	Temp. Lecturer	400-800
45.	Shri Som Nath Mukherjee	do	do	400-800
46.	Shri Ram Niwas Tiwari	do	do	400-800
47.	Dr. Shaik Masood	do	do	400-800
	Shri Bhagwan Das	do	do	400-800
	Dr. Bipin Bihari Sinha	do	do	400-800
50.	Shri K. N. Bhowmick	do	do	400-800
51.	Shri D. N. Misra	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
430/-	B.A. (Agra)., M.A. (Agra) I Div. 5th position, Exp. 3 years.	9-7-63	Reappointed
430/-	do	19-8-63	
460/-	M.A. (Agra) II Div., Master's Diploma in Public Administration II Div. Exp. 3 years.	30-7-63	Reappointed Resigned on 12-12-63
400/-	B.A. (Alld.) II Div., M.A. (Alld.) I Div., LL.B. (Alld.) II Div.	14-1-64	..
430/-	B.Sc. (B.H.U.), M.A. (B.H.U.) II Div., Ph.D. (B.H.U.), Exp. 3 years.	9-7-63	Reappointed Confirmed from 10-8-63
460/-	M.A. (B H.U.) I Div., Ph.D.	9-7-63	do
400/-	B.Sc. (Alld.) II Div., M.Sc. (Alld.) I Div., 6th position. Diploma in French. (Alld.)	9-7-63	..
400/-	B.A. (Andhra) I Div., M.A. (B.H.U.) II Div.	9-7-63	..
460/-	B.Sc. (B.H.U.) I Div., M.Sc. (B.H.U.) I Div., 2nd position Exp. 3 years.	9-7-63	Reappointed
400/-	B.Sc. (Agra) II Div., M.Sc. (B.H.U.) I Div. Exp. 3 months.	18-7-63	..
430/-	B Sc. (Andhra) I Div., M.Sc. (B.H.U.) I Div. Ph.D. (B.H.U.). Exp 1 year.	9-7-63	Reappointed
400/-	B.Sc. (B.H.U.) I Div., M.Sc. (LKO) I Div. 2nd position	24-7-63	Resigned w.e.f. 9-8-63
400/-	B.Sc. (Agra) II Div., M.Sc. (Alld.) II Div., Ph.D. (GKP) Exp. 10 years.	22-7-63	..
400/-	B.Sc. & M.Sc. II Div., Exp. 1½ years.	20-8-63	Reappointed
490/-	M.A. (B.H.U.) II Div., Exp. 19 years.	16-8-63	Reappointed

	Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
		Central Hindu College		
		Deptt.	Designation	
52.	Shri A. K. Chatterjee	Philosophy	Lecturer (on probation)	400-800
53.	Shri Girija Shanker Rai	do	Temp. Lecturer	400-800
54.	Dr. Shobh Nath Singh	Statistics	Reader (on probation)	700-1100
55.	Dr. Manindra Nath Ghosh	do	Professor (on probation)	1000-1500
56.	Shri Mangla Pd. Singh	do	Temp. Lecturer	400-800
57.	Shri K. N. Pandey	do	Lecturer (on probation)	400-800
58.	Shri Jagdish Sinha	do	Temp. Lecturer	400-800
59.	Shri K. G. Mehrotra	do	do	400-800
60.	Shri Ram Dular Singh	do	do	400-800
61.	Shri Kunj Behari Pathak	do	do	400-800
62.	Shri A. K. Gupta	do	do	400-800
.	Shri Shambhu Nath Upadhyaya	Foreign Languages	Lecturer in German (on probation)	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
550/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) I Div., Ph.D. (B.H.U.). Exp. 12 years.	9-7-63	..
400/-	M.A. (Agra) II Div., Ph.D. (B H.U.). Exp. 5 months.	24-8-63	..
700/-	M.A. (B.H.U.) I Div., A.I.S.I. Diploma in Advanced Statistics Ph.D. (California). Exp. 11 years.	9-7-63	..
1150/-	B.A. (Cal.) II Div., M.A. (Cal.) I Div., D.Phil. (Cal) Exp. 20 years.	21-11-63	..
400/-	B.Sc. (B.H.U.) II Div., B.Sc. (Hons.) (Poona) II Div., M.Sc. (Poona) II Div.	18-7-63	.
460/-	B.Sc. (B.H.U.) II Div., M.Sc. (Patna) II Div., Exp. 4 years	11-7-63	Reappointed
400/-	B.Sc. (Bihar), M Sc. (Bhagalpur) Ist Class 1st (Gold medalist).	5-9-63	Resigned on 21-10-63
400/-	B.Sc. (LKO) II Div., M.Sc. (LKO) I Div., 3rd position. Exp. 6 months.	9-7-63	Reappointed
400/-	B.Sc. & M.Sc. (B.H.U.) II Div.	19-9-63	
400/-	B A. (B.H.U.) II Div., M.A. (Agra) I Div. Exp. 5 months	10-12-63	Resigned w.e.f. 19-2-64
400/-	B Sc. (Hons.) (Poona) Ist Class Ist, M.Sc. (Poona) Ist Class Ist, Diploma in French (B.H.U.). Exp. 10 months.	12-7-63	Reappointed Resigned w.e.f. 26-8-63
400/-	B Sc. & M.Sc.(B.H.U.) II Div., Dip. in German (B.H.U.) II Div., Training at Goethe Institute (Poona) Exp. 4 years.	9-7-63	..

	Name of the teacher appointed	College and Deptt. to which posted — Central Hindu College — Deptt.	Designation	Scale of pay
64.	Shri Prabhakar Jha	Foreign Languages	Temp. Lecturer in French	400-800
65.	Smt. Usha Rani Tripathi	do	Temp. Part-time Lecturer in German	Fixed
66.	Shri D. R. Timsina	do	Temp. Lecturer in Nepali	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.A. (Behar), M A (French) (Cal.) II Div. Ist position, LL.B.	11-7-63	..
250/-	B.A (Alld) I Div., M A. (Alld.) II Div., Advanced Diploma (Germany). Exp. 2 years.	24-7-63	Reappointed
400/-	B.A. (Cal.) Pass, M A. (Kathmandu) II Div., Exp. 8 years	9-7-63	Reappointed

Name of the teacher appointed	College and Deptt. to which posted — College of Science		Scale of pay
	Deptt.	Designation	
1. Shri P. D. Tewari	Zoology	Lecturer (on probation)	400-800
2. Shri T. P. Singh	do	Temp. Lect.	400-800
3. Shri P. G. Kale	do	Temp. Lect.	400-800
4. Shri D. P. Ghosh	Geophysics	do	400-800
5. Shri Jai Ram Singh	do	do	400-800
6. Shri R. K. S. Chauhan	do	do	400-800
7. Shri O. S. Gautam	Geology	Lecturer (on probation)	400-800
8. Dr. B. K. Das	do	Temp. Lect.	400-800
9. Shri V. G. Phansalkar	do	do	400-800
10. Shri B. K. Chatterjee	do	do	400-800
12. Miss Parwati Sharma	Geology	Temp. Lect.	400-800
13. Dr. G. R. Phansalkar	Chemistry	Reader (on probation)	700-1100
14. Dr. K. P. Singh	do	Lecturer (on probation)	400-800
15. Shri Vishwanath Singh	do	Temp. Lect.	400-800
16. Shri S. P. Mishra	do	do	400-800
17. Shri Kanwal Nain	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. & M.Sc. (B.H.U.) II Div. Exp. one year	9-7-63	Reappointed
400/-	B.Sc. & M.Sc. (B.H.U) II Div. Exp. 4 months.	9-7-63	do
400/-	B Sc. & M.Sc. (Nagpur) II Div. Exp 8 months	9-7-63	do
490/-	B.Sc (B.H.U.) II Div. M Sc. (B H.U.) I Div. 3rd position Exp. 4 yrs.	9-7-63	do
400/-	B.Sc. (Lko) I Div. M.Sc. (B.H.U.) I Div. 1st position	16-9-63 to 21-3-64	
400/-	B.Sc. (Lko) I Div. M.Sc. (B.H.U.) I Div.	3-10-63	
400/-	B.Sc. (B.H.U.) II Div. M.Sc. (B.H.U.) I Div. 2nd position	9-7-63	
—	M.Sc. Ph.D. (B.H.U.)		
400/-	B.Sc. (B.H.U.) II Div. M.Sc. (B H.U.) I Div. Exp. 5 months	11-9-63	Reappointed
400/-	B.Sc. (B.H U.) II Div., M Sc. (B.H.U.) I Div. 2nd position	11-9-63 to 11-10-63	
490/-	B.Sc. (Patna) M Sc. (Patna) II Div. Dip. in French (B.H.U.) Exp. 3 years		Reappointed Resigned w.e.f. 22-10-63
700/-	B.Sc. & M.Sc. (B.H.U.) II Div. Ph.D. (B.H.U.) Exp. 30 yrs.	2-1-64	
550/-	B.Sc. (B H.U.) II Div. M.Sc (B.H.U.) I Div. 1st position, Ph.D. (U.S.A.) Exp. 4 years	9-7-63	Resigned w.e.f. 25-11-63
490/-	B.Sc. (Alld) I Div. M.Sc. (Alld) I Div. 2nd position Exp. 6 years	9-7-63	Reappointed
400/-	B.Sc. (B.H.U.) II Div. M.Sc. (GKP) I Div. Exp. 5 months	9-7-63	Reappointed
400/-	B.Sc. (Panjab) II Div., M.Sc. (B.H.U.) I Div. Exp. 1 yr.	11-7-63	

	Name of the teacher appointed	College and Deptt. to which posted — College of Science		Scale of pay
		Deptt.	Designation	
18.	Dr. K. C. Mathur	Chemistry	do	400-800
19.	Shri Sujan Singh	do	do	400-800
20.	Shri P. V. S. J. Sharma	do	do	400-800
21.	Dr. Indra Sen Singh	Physics Cell	Temp. Reader & Jt. Director	700-1100
22.	Dr. Ramnath Singh	Spectroscopy	do	400-800
23.	Dr. Basant Singh	Geography	Temp. Lect.	400-800
24.	Shri M.S. Vishwanath	do	do	400-800
26.	Shri Kailash Nath Singh	do	do	400-800
27.	Dr. R. S. Ambasht	Botany	do	400-800
28.	Shri H. R. Sant	do	do	400-800
29.	Dr. C. S. Singh	do	do	400-800
30.	Dr. R. S. Tripathi	od	do	400-800
32.	Dr. P. Krishna	Physics	Lecturer	400-800
33.	Shri R. N. Singh	do	Temp. Lect.	400-800
34.	Shri H. D. Pandey	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. (Agra) II Div M Sc. (Agra) I Div. Ph.D. (Delhi) Certificate in German (Delhi) Exp. 2 yrs.	15-7-63	Reappointed Resigned w.e f. 27-7-63
400/-	M.Sc. (Hons) (Punjab) Exp. 12 yrs.	10-7-63	Resegined w.e.f. 10-8-63
400/-	B.Sc (Andhra) I Div. M Sc. (B.H.U.) I Div.	13-9-63	
780/-	B.Sc. (B.H.U.) II Div, M Sc. (B.H.U.) I Div. Ph.D. (B.H.U.) Exp. 11 years.	8-8-63	
400/-	B.Sc. (B.H.U.) II Div, M.Sc. (B.H.U) I Div. 1st position	7-10-63	
400/-	B.A. (B.H.U.) II Div, M.A. (B.H.U.) II Div. Ph.D. (B.H.U.) Exp. 3 months	22-2-64	
400/-	B.Sc. (B.H.U.) II Div., M Sc. (B.H.U.) II Div. Exp. 12 yrs.	19-2-64	
490/-	B.Sc. (B H.U.) III Div,. M.A. (B.H.U.) I Div., Dip., in Statistical Method (B.H.U.) Exp. 5 years.	9-7-63	Reappointed
460/-	B.Sc. (Agra) II Div, M.Sc. (B.H.U.) I Div., Ist position, Dip. in German (B.H.U.) Exp. 3 yers.	9-7-63	do
400/-	B Sc. (Agra) II Div., M.Sc. (Saugor) II Div., Exp. 2 yrs.	9-7-63	
400/-	B.Sc. & M Sc. (B.H.U.) II Div., Ph.D. (B.H.U.)	9-7-63	
400/-	B.Sc. (B.H U.) II Div., M.Sc. (Agra) I Div., 2nd position.	13-9-63	
460/-	B.Sc. (Agra) I Div., M.Sc. (Delhi) I Div.	9-7-63	Reappointed
400/-	B.Sc. (B.H.U.) II Div., M.Sc. (B.H.U.) I Div.	7-10-63	Transferred from C.H.C. (K)
400/-	B.Sc. (GKP) I Div. 1st position, M.Sc. (GKP) I Div. 1st position	22-7-63	

Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
	College of Science		
	Deptt.	Designation	
35. Shri K. M. L Srivastava	Physics	Temp. Lect.	400-800
36. Shri V. A. Rau	do	do	400-800
37. Shri Prabhakar Tewari	do	do	400-800
38. Shri B. N. Dutta	do	do	400-800
39. Shri O. N. Singh	do	do	400-800
40. Shri S. S. Kushwaha	do	do	400-800
41. Shri R. C. Dubey	do	do	400-800
42. Shri H. N. Pandey	do	do	400-800
43. Shri Pyare Mohan Lal	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B Sc. (B H U.) II Div., M.Sc. (B.H.U.) I Div.	9-7-63	Resigned w.e.f. 2-1-64
400/-	B.Sc. (Utkal) I Div , 1st position ; M.Sc. (B.H.U) I Div , 1st position Exp. 1 yr.	9-7-63	Reappointed
490/-	B Sc. (B H.U) I Div., M.Sc (B.H U.) I Div., 3rd position , Exp 3 years	9-7-63	Reappointed
490/-	B.Sc & M.Sc (B.H U) I Div , Exp 6 yrs.	9-7-63	do
400/-	B.Sc. (B.H.U.) II Div , M.Sc (B.H.U.) I Div.	24-8-63	
400/-	B Sc. & M.Sc. (Agra) I Div. Exp. 1 yr.	26-8-63	
400/-	B.Sc. (Agra) I Div., M Sc. (Alld.) I Div , Exp. 3 months	21-11-63	
400/-	B.Sc. (Agra) II Div., M.Sc (B.H.U.) I Div., Exp 5 yrs	13-1-64	
400/-	B.Sc. (Agra) I Div , M.Sc. I Div., Exp. 4 months	19-2-64	

Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
	Teacher's Training College		
	Deptt.	Designation	
1. Shri Shyama Das Chatterjee	Education	(*a*) Temp. Instructor in Arts (Crafts)	200-450
		(*b*) Instructor in Arts(crafts) (on probation)	do

nitial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
200/-	B.A. (B.H.U.) III Div , B.Ed (GKP) III, II Inter Grade Drawing Exam. (Bombay) Exp. one year	26-8-63	
200/-	do	18-10-63	Reappointed

	Name of the teacher appointed	College and Deptt. to which posted — College of Mining & Met. — Deptt.	Designation	Scale of pay
1.	Shri P. N. Jogi	Mining	(*a*) Temp. Lect.	400-800
			(*b*) Lecturer (on probation)	do
2.	Shri S. L. Malhotra	Metallurgy	Reader (on probation)	700-1100
3.	Shri D. S. Sharma	do	(*a*) Temp. Lect.	400-800
			(*b*) Lecturer (on probation)	do
4.	Shri M. L. Kapoor	do	(*a*) Temp. Lect.	400-800
			(*b*) Lecturer (on probation)	do
5.	Shri P. M. Prasad	do	(*a*) Temp. Lect.	400-800
			(*b*) Lecturer (on probation)	do
6.	Shri S. H. Ghude	do	Temp. Lecturer	400-800
7.	Shri Tushar Roy	do	Temp. Lect.	400-800
8.	Shri G. M. Mehrotra		(*a*) Temp. Associate Lect.	300-560
			(*b*) Temp. Lect.	400-800
9.	Shri A. P. Rama Mohan Rao	Metallurgy	Temp. Associate Lecturer	350-650
10.	Shri Surinder Singh	do	(*a*) Temp. Associate Lecturer	300-560
			(*b*) Temp. Lect.	400-800
11.	Shri D. P. Upadhyay	do	(*a*) Temp. Associate Lect.	300-560
			(*b*) Temp. Lect.	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. (J & K) II Div. B.Sc. Engg. (B.H.U.) II Div.	25-11-63	
400/-	do	30-4-64	Reappointed
820/-	B.Sc. (Met. Engg.) (B.H.U.) I Div. 2nd position M.Sc. (Met. Engg.) (Missouri) Exp. 6 yss.	6-3-64	
400/-	B Sc. (Andhra) I Div., B.E. (Met.) Indian Institute of Science ;	9-7-63	Reappointed
490/-	M.Sc. (Met.) (B.H.U.) Exp. 3 months	29-8-63	do
400/-	B.Sc. (Met. Engg.) (B.H.U.) I Div.	26-8-63	
430/-	do	7-3-64	Reappointed
400/-	B.Sc. (Andhra) I Div. B.E. (Met. (I. I. Sc. Bangalore) Exp. 4 years	11-12-63	
520/-	do	6-3-64	Reappointed
460/-	B.Sc. (Met. Engg.) (B.H.U.) II Div. M.Sc. (Met. Engg.) B.H.U. I Div. 1st position Exp. 6 months	9-7-63	Reappointed
400/-	B.Sc. (Met. Engg.) (B.H.U.) II Div.	30-11-63	
300/-	B.Sc. (Met.) (B.H.U.) II Div.	2-9-63	
400/-	do	29-11-63	
350/-	M.Sc. (Met. Engg.) (B.H.U.) I Div. 1st position	4-2-64	
300/-	B Sc. (Met. Engg.) B.H.U. II Div.	27-9-63	
400/-	do	29-11-63	
300/-	B.Sc. (Met.) B.H.U. II Div.	16-9-63	
400/-	do	23-11-63	

Name of the teacher appointed	College and Deptt. to which posted — College of Mining & Met. — Deptt.	Designation	Scale of pay
12. Shri Y. P. Srivastava	Metallurgy	Temp. Assoc. Lecturer	300-560
13. Shri Balram Gupta	do	do	300-560
14. Shri S. Venkat Rao	do	(a) Temp. Asso. Lect.	300-560
		(b) Temp. Lect.	400-800
		(c) Assoc. Lect. (on probation)	350-650
15. Shri K. C. Jain	do	(a) Temp. Assoc. Lect.	300-560
		(b) Assoc. Lect. (on probation)	350-650
16. Shri G. M. K. Sharma	do	(a) Temp. Asso. Lect.	350-650
		(b) Assoc. Lect. (on probation)	do
17. Shri P. K. Srivastava	do	Temp. Lect.	400-800
18. Shri R. K. Mehrotra	do	(a) Temp. Assoc. Lecturer	300-560
		(b) Temp. Lect.	400-800
19. Sri A. K. Banerjee	do	Temp. Assoc. Lect.	300-560
20. Shri A. K. Bhan	do	do	300-560
21. Shri A. S. Khokhar	do	do	300-560

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
350/-	B.Sc. (GKP) II Div. B.Sc. (Met. Engg.) B H.U. II Div.	11-12-63	
350/-	B.Sc. (Met.) B.H.U. II Div.	10-12-63	Relieved w.e.f. 30-4-64
300/-	B.Sc. (Met. Engg.) (B.H.U) II Div.	23-9-63	
400/-	do	30-11-63	
400/-	do	6-3-64	Reappointed
350/-	B.Sc. (B.H.U.) I Div. M Sc (B.H.U.) II Div.	4-1-64	
400/-	Exp. 6 yrs.	6-3-64	Reappointed
350/-	B.Sc. (Hons.) (S.V.U.) I Div. B.E. (Met.) (I.I.Sc. Bangalore)	4-2-64	
400/-	do	6-3-64	Reappointed
400/-	B Sc. (Hons.) I Div. B.Sc. (Met.) (B.H.U.) I Div. 1st position	9-7-63	Resigned w.e.f. 3-10-63
300/-	B.Sc. (Agra) I Div. M.Sc. (Agra) I Div. B.Sc. (Met.) (B.H.U.) I Div.	24-7-63	Resigned w.e.f. 22-11-63
400/-	do	26-8-63	
300/-	B.Sc. (Met.) B.H.U. II Div.	9-9-63	Resigned w.e.f. 6-12-63
300/-	B.Sc. (Met.) (B.H.U.) I. Div. 2nd position	9-7-63	Resigned w.e.f. 20-8-63
300/-	B.Sc. Met. Engg. (B.H.U.) II Div.	6-9-63	Resigned w.e.f. 14-10-63

	Name of the teacher appointed	College and Deptt. to which posted — Engineering College		Scale of pay
		Deptt.	Designation	
1.	Shri K. S. Panikar	Civil Engg.	Temp. Lect.	400-800
2.	Shri S. C. Agarwal	do	do	400-800
3.	Shri G. N. Krishna-murthy	do	Reader (on probation)	700-1100
4.	Shri C. K. Arora	do	(a) Temp. Lab. Instructor	250-350
			(b) Temp. Lect.	400-800
			(c) Lect. (on probation)	400-800
5.	Shri B. D. Nautiyal	do	(a) Lecturer	400-800
			(b) Lecturer (onprobation)	do
6.	Shri Ramesh Chand Misra	do	Tem. Lect.	400-800
7.	Shri G. C. Chakra-vorty	do	Temp. Lab. Instructor Geology	250-350
8.	Shri Lal Bahadur Singh	do	Temp. Tutor	250-350
9.	Sri Om Prakash	Mech. Engg.	(a) Temp. Lab. Inst.	250-350
			(b) Temp. Lect.	400-800
10.	Shri Ram Pyare	do	(a) Temp. Lect.	400-800
			(b) Lecturer (on probation)	do
11.	Shri D. S. Upadhyay	do	Temp. Tutor	250-350
2.	Shri Shiv Nath Singh	do	(a) Temp. Lab. Instruter	250-350
			(b) Temp. Lect.	400-800
13.	Shri J. K. Jain	do	Temp. Tutor	250-350

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. (Engg.) B H.U. I Div. 3rd position	15-7-63	
400/-	B.Sc. Engg. (B.H.U.) I Div. 1st position	16-7-63	
700/-	B E (Mysore) II Div., A.M.I.E. (India) Exp. 11 years	8-5-64	
250/-	B.Arch. (Roorkee) I Div, Dip in Architecture	24-7-63	
400/-	do	25-9-63	Resigned w.e.f. 8-7-64
400/-	do	10-3-64	
460/-	B.Sc (Alld.) I Div. B.Sc. (Engg.) B.H.U. I Div. 2nd	1-8-63	Reappointed
490/-	2nd position Postgraduate Diploma in Structural Engg. (Roorkee) I Div. Exp. one year.	6-3-64	do
400/-	B.Sc. B Tech. (Hons) I Div. 1st position	5-8-63	Resigned w e.f. 8-2-64
300/-	B.Sc. & M.Sc. (B.H.U.) II Div. Exp. 3 yrs.	9-7-63	Reappointed
250/-	B Sc. Engg. (B.H.U.) II Div.	15-7-63	Resigned w.e.f. 9-10-63
250/-	B.Sc. (Engg.) B.H.U. I Div.	26-7-63	Resigned w.e.f. 2-11-63
400/-	do	29-8-63	
460/-	B.Sc. (Engg.) (B.H.U.) I Div. Exp. 1 year	9-7-63	Reappointed
490/-	do	7-8-63	
250/-	B.Sc. (B.H.U.) II Div, M.Sc. (B.H.U.) I Div.	22-7-63	
250/-	B.Sc. Engg. (B.H.U.) I Div.	27-7-63	Resigned w.e.f. 26-9-63
400/-	do	1-8-63	
250/-	B.Sc. Engg. (B.H.U.) I Div.	8-10-63	Resigned w.e.f. 21-12-63

	Name of the teacher appointed	College and Deptt. to which posted — Engineering College: Deptt.	Designation	Scale of pay
14.	Shri S. C. Chakravarti	do	Temp. Lect. Physics	400-800
15.	Shri Y. N. Prasad	Mech. Engg.	Temp. Tutor	250-350
16.	Shri Krishna Lal	do	(*a*) Temp. Tutor (*b*) Temp. Lect.	250-350 400-800
17.	Shri P. K. Jain	do	Temp. Tutor	250-350
18.	Shri D. S. Singh	do	do Temp. Lect.	250-350 400-800
19.	Dr. H. L. Agarwal	do	(*a*) Temp. Lect. (*b*) Lecturer (on probation)	400-800 do
20.	Shri S. K. Gupta	do	Lecturer (on probation)	350-850
21.	Shri S. N. Dubey	do	Temp. Lect.	400-800
22.	Shri S. Krishnamurthy	do	Temp. Lab. Instructor	250-350
23.	Shri V. K. Agarwal	Elec. Engg.	(*a*) Temp. Lab. Inst. (*b*) Temp. Lect.	250-350 400-800
24.	Shri B. S. Rao	do	Temp. Lect.	400-800
25.	Shri N. S. Gahlot	do	do	400-800
26.	Shri R. D. Sen Sharma	do	(*a*) Temp. Lect. (*b*) Lecturer (on probation)	400-800 do
27.	Shri R. B. Saxena	do	Temp. Lect.	400-800
28.	Shri H. N. Tewari	do	(*a*) Temp. Tutor (*b*) Temp. Lect.	250-350 400-800
29.	Shri J. L. Upadhyay	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. (B.H.U.) I Div. M.Sc. (B.H.U.) II Div. Exp. 4 months	9-7-63	Reappointed
275/-	B.Sc. & M.Sc. (B.H.U.) I Div. Exp. 5 yr. 10 months	9-7-63	Reappointed
250/-	B.Sc. (Alld) II Div., M.Sc.	9-7-63	Reappointed
400/-	(Alld) I Div. 4th position Exp. 2 yrs.	16-7-63	
250/-	B.Sc. (Engg.) B.H.U. I Div.	16-7-63	Trfd. to C.H.C. (K) from 16-8-63
250/-	B.Sc. Engg. (B.H.U.) I Div.	15-7-63	
400/-	*do*	29-8-63	*Resigned w.e.f.* 2-1-64
490/-	B.Sc. & M.Sc. (Alld) II Div.	9-7-63	Reappointed
550/-	D. Phil. (Alld) Exp. 8 yrs.	25-12-63	do
500/-	B.Sc. Engg. (Ranchi) I Div., M.Sc. Engg. (Roorkee) I Div. Exp. 8 months	9-7-63	
460/-	B Sc. (Alld.) I Div., M.Sc. (Alld) I Div., 4th position. Exp. 2 yrs.	9-7-63	Reappointed
250/-	B.Sc. (Engg.) B.H.U. II Div.	2-12-63	Resigned w.e.f. 12-3-64
250/-	B.Sc. I Div. B Sc. (Engg.) (B.H.U.) II Div.	26-7-63	
400/-	do	6-9-63	
460/-	B.E. (Andhra) I Div. Exp. 6 months	23-1-64	
400/-	B.E. (Rajasthan) I Div.	23-1-64	
400/-	B.Sc. (Engg.) (B.H.U.) II	9-7-63	Reappointed
490/-	Div. M.Sc. (Engg.) (Electric Machine Design) B.H.U. II Div. Exp. 8 months	6-3-64	do
400/-	B.Sc. (Engg.) (B.H.U.) II Div. M.Sc. (Engg.) (B.H.U.) I Div	9-7-63	Resigned w.e.f. 12-9-63
250/-	B.Sc. Engg. (B.H.U.) II Div.	20-8-63	
400/-	do	14-9-63	
400/-	B.Sc. (Engg.) (B.H.U.) II Div.	12-9-63	

	Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
		Engineering College		
		Deptt.	Designation	
30.	Shri G. K. Rao	do	Temp. Lect.	400-800
31.	Shri M. S. Sahdeo	Elec. Engg.	Temp. Lect.	400-800
32.	Shri S. C. Tripathi	do	(*a*) Temp. Lect. (*b*) Lecturer (on probation)	400-800 400-800
33.	Shri G. Rajsekhar	do	Reader (on probation)	700-1100
34.	Shri B. B. Srivastava	do	Temp. Lect.	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.E. (Andhra) M.Sc. Engg. (Madras) Exp. 2 years.	3-10-63	
400/-	B.Sc. Engg (B.H.U.) I Div. 7th position	4-11-63	Resigned w.e.f. 28-1-64
400/-	B.Sc. (Hons.) (Utkal) I Div.	11-10-63	
490/-	M Sc. Engg. (B H.U.) I Div. D.I I Sc. (Bangalore)	5-3-64	Reappointed
700/-	B.E. (Mysore), M.Sc. (Engg) (Engg.) (B.H.U.) I Div. Exp. 5 yrs.	5-3-64	
400/-	B Sc. (Alld) I Div. 4th position M.Sc. (Alld) I Div. 1st position Exp. 2 years.	9-7-63	Reappointed

Name of the teacher appointed	College and Deptt. to which posted — College of Technology — Deptt.	Designation	Scale of pay
1. Dr. S. K. Roy	Chem. Engg. Chem. Tech.	Lecturer (on probation)	400-800
2. Shri M. S. Rao	do	Temp. Lect.	400-800
3. Shri R. N. Pande	do	do	400-800
4. Shri S. C. Gupta	do	do	400-800
5. Shri G. S. Pooniwala	do	do	350-850
6. Shri B. C. L. Agrawal	do	do	400-800
7. Shri G. N. Pandey	Chem. Engg. & Chem. Tech.	Temp. Lecturer	400-800
8. Dr. B. N. Trivedi	do	Lecturer (on probation)	400-800
9. Dr. B. N. Samaddar	Silicate Tech.	Reader (on probation)	700-1100
10. Shri S. P. Wahi	Pharmaceutics	Temp. Lecturer	400-800
11. Shri K. D. Chaudhary	do	do	400-800
12. Shri R. N. Nasipuri	do	do	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
460/-	B.Sc. (B.H.U.) II Div. M.Sc. (B.H.U.) II Div. Ph.D. (B.H.U.) Exp. 9 years	9-7-63	
400/-	B.Sc. (Andhra) I Div., B.Sc. (Chem. Engg.) (B.H.U., I Div.	15-7-63	
400/-	B.Sc. (B.H.U.) II Div. B Sc. (Chem. Engg.) (B.H.U.) I Div., 4th position	17-7-63	
400/-	B.Sc. (Chem. Engg.) (B.H.U.) I Div., Diploma in German (B.H.U.) II Div.	15-7-63	
440/-	B Sc. (Tech.) (B.H.U.) II Div. M.Sc. (B.H.U.) II Div. Exp. 12 yrs.	9-7-63	Reappointed
400/-	B.Sc. (B.H.U.) I Div. M.Sc. (B.H.U.) II Div., Ph.D. (B.H.U.) Exp. 11 yrs.	16-7-63	
400/-	B Sc. (Chem. Engg.) (B.H.U.) I Div., M.Tech. (Kharagpur) Exp. 5 months.	30-8-63	..
460/-	B Sc. & M.Sc. (B.H.U.) II Div. Ph.D. (B.H.U.), A.R.I.C. (London). Exp. 8 years.	9-7-63	Reappointed
700/-	M.Sc. (Tech.) (Cal.) I Div., D.Phil. (Cal.) Exp. 3 years.	31-1-64	..
400/-	B.Pharm. (B.H.U.) II Div., M.Pharm. (B.H.U.) I Div. 3rd position. Exp. 3 years.	9-7-63	Reappointed
400/-	B.Pharm. (B.H.U.) I Div. 2nd position, M.Pharm. (B.H.U.) I Div. 1st position, Exp. 3½ years.	9-7-63	do
400/-	B.Pharm. (B.H.U.) I Div. 1st position, M.Pharm. (B.H.U.) I Div. 1st position.	24-2-64	..

Name of the teacher appointed	College and Deptt. to which posted — College of Technology: Deptt.	College and Deptt. to which posted — College of Technology: Designation	Scale pay
13. Shri M. P. Srivastava	Pharmaceutics	Temp. Part-time Lecturer in Pharmaceutical Economics	Fixed
14. Shri R. L. Barnawal	do	Temp. Part-time Lecturer in Maths.	Fixed
15. Shri S. B. Jayaswal	do	Lecturer (on probation)	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
60/- (allowance)	M.Com. (B.H.U.) I Div. 5th position. Exp. 13 years.	9-7-63	Already working in C.H.C. as Lecturer in Commerce.
250/- (fixed)	B.Sc. & M.Sc. (B.H.U.) II Div. Dip. in Statistics (B.H.U.) I Div. Exp. 14 years.	9-7-63	..
460/-	B.Pharm. and M.Pharm. (B.H.U.) II Div., Exp. 4 years.	9-7-63	Reappointed

Name of the teacher appointed	College and Deptt. to which posted — College of Agriculture		Scale of pay
	Deptt.	Designation	
11. Shri S. N. Pandey	Agriculture	Temp. Instructor	215-425
12. Shri T. K. Chowdhury	do	Temp. Lecturer	400-800
13. Shri S. N. Dave	do	Temp. Instructor	215-425
14. Shri Janardan Tewari	do	Instructor (on probation)	215-425
15. Shri K. P. Rai	do	Temp. Lecturer	400-800
16. Shri K. K. Singh	do	do	400-800
17. ShriaA. N. Maurya	do	Temp. Instructor	215-425

..tial ..ay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
..50/-	M.Sc. (Ag.) (B.H.U.) I Div., Exp. 4 years.	9-7-63	do
..00/-	B.Sc. (Ag.) (B.H U.) I Div., M.Sc. (Ag.) (B.H.U) I Div., Cert. in Stat. Method (B.H.U.) II Div.	20-8-63	..
215/-	M.Sc. (Ag.) (B.H.U.) I Div.	8-10-63	Relived w e.f. 23-12-63
290/-	B.Sc. (Ag) B.H.U. II Div., M.Sc. (Ag) (Agra) I Div. Exp. 1½ years.	4-1-64	..
400/-	B.Sc. (Ag. Engg.) (Alld) I Div. 5th position, M.Tech. (Agri. Engg.) (Kharagpur). Exp. 2 years.	14-9-63	..
400/-	M.Sc. (Ag.) (B H.U.) I Div. Exp. 1 month.	9-7-63	Resigned w.e f. 26-8-63
215/-	B Sc. (Ag.) II Div., M.Sc. (Ag.) I Div. 2nd position Exp. one year.	24-7-63	Relived w.e.f. 5-10-63

Name of the teacher appointed	College and Deptt. to which posted — College of Indology: Deptt.	Designation	Scale of pay
1. Shri J. N. Tewari	A.I.H. C & A	Lecturer (on probation)	400-800
2. Shri Vidya Prakash	do	(a) Temp. Lect.	400-800
		(b) Lecturer (on probation)	do
3. Shri P. C. Pant	do	do	400-800
4. Shri Jai Prakash Singh	do	do	400-800
5. Shri Purshottam Singh	do	do	400-800
6. Shri Nisar Ahmad	do	Temp. Tutor in Numismatics	360-650
7. Shri Virendra Kumar	Sanskrit & Pali	Temp. Lecturer	400-800
8. Shri R. P. Dubey	do	(a) do	400-800
		(b) Lecturer (on probation)	400-800
9. Shri Parmatma Singh	do	(a) Temp. Lect.	400-800
		(b) Lecturer probation)	400-800
10. Shri N. H. Samtani	do	Temp. Lecturer in Pali	400-800
11. Shri K. C. Jain	do	do	400-800
12. Shri S. K. Gupta	Art & Arch.	Temp. Lect.	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
460/-	B.Sc. (B.H.U.) II Div., M.A. (B.H.U.) I Div. 1st position. Exp. 7 years.	9-7-63	Reappointed
460/-	B.A. & M.A. (LKO) I Div., Exp. 4 years.	9-7-63	Reappointed
520/-	do	7-3-64	..
460/-	B.A. (LKO) II Div., M.A. (B.H.U.) II Div. 2nd position Exp. 3 years.	9-7-63	Reappointed
490/-	B.A. (B.H.U.) II Div., M.A. (B.H U.) I Div. 1st position. Exp. 4 years.	9-7-63	Reappointed
400/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) I Div., Dip in Archaeology Exp. 8 months.	16-7-63	..
350/-	M.A. (B.H.U.) II Div.	12-12-63	..
460/-	B.A. (Agra) II Div., M.A. (B.H.U.) I Div., 1st position Ph.D. (B.H.U.) Exp. 3 years	9-7-53	Reappointed
400/-	B.A. (B.H.U.) II Div., M.A.	9-7-63	Reappointed
400/-	(Sans.) (B.H.U.) II Div., M.A. (Pali) I Div. (B.H.U.) Sahitya Ratna (Prayag), Ph.D. (B.H.U.), Exp. 2½ yrs.	25-2-64	..
400/-	B.A. (Alld.) I Div., M.A. (Alld.)	11-7-63	Resigned w.e.f.
400/-	I Div. 1st position.	11-1-64	12-4-64
460/-	B.A. (Bombay), M.A. (Bihar) I Div. 2nd position, Ph.D. (Delhi), Exp. 3 years.	9-7-63	Reappointed
460/-	*B.A. (B.H.U.), M.A. (B.H U.)* I Div., 1st position, Jain Darshanacharya (V.S.V.) II Div. Exp. 3 years. Prakritacharya (V.S.V.) II. Div. Exp. 3 yrs.	*9-7-63*	*do*
400/-	M.A. (GKP) I Div.	30-1-64	

Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
	Law College		
	Deptt.	Designation	
1. Shri V. K. Bhardwaj	Law	Lecturer (on probation)	400-800
2. Shri M. N. Chaturvedi	do	do	400-800
3. Shri V. N. Singh	do	Temp. Lecturer	400-800
4. Shri H. M. Lal	do	do	400-800
5. Shri B. N. Sampath	do	Temp. Lecturer	400-800
6. Shri Durga Prasad	do	do	400-800
7. Shri V. P. Tandon	do	Temp. Part-time Lecturer	Fixed
8. Shri P. N. Singh	do	do	Fixed
9. Shri Rajeshwar Prasad	do	do	Fixed
10. Shri Sarjoo Prasad	do	do	Fixed

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
460/-	B.Sc. (Mysore) II Div., B.L. (Mysore) II Div., LL.M. (Osmania) II Div. Exp. 4 years	9-7-63	Reappointed
460/-	B.A. (B.H.U.) II Div., M.A. (B.H.U.) III Div., LL.B. (B.H.U.) I Div. 1st position Exp. 3 years.	9-7-63	do
430/-	B.A. & M.A. II Div., LL.B & LL.M. II Div., Exp. 5 years.	9-7-63	do
430/-	M.A., B.Com. (B.H.U.) II Div., LL.B. (B.H.U.), II Div. 3rd position. Exp. 2½ years.	9-7-63	do Services terminated w.e.f. 1-1-64
430/-	B.Sc. (Mysore) II Div., B.L. (Mysore) II Div., LL.M. (Osmania) II Div., Exp. 4 years.	9-7-63	Reappointed
400/-	B.A. (LKO), LL.B. (LKO), LL.M. (B.H.U.)	9-7-63	
250/- (fixed)	LL.B. (B.H.U.) II Div., Exp. Practising as a lawyer since 1928, was also a part time Law teacher in B.H.U. during 1958-59 & 1959-60	10-7-63	Reappointed
250/- (fixed)	B.A. (Alld.) II Div., M.A. (Alld.) III Div., LL.B. (LKO) I Div., Practising since 1929.	11-7-63	Reappointed
250/- (fixed)	B.A. & M.A. (Alld.) III Div., LL.B. (Alld.) II Div., Practising since 1919.	11-7-63	do
250/- (fixed)		5-2-64	...

Name of the teacher appointed	College and Deptt. to which posted — College of Medical Sciences: Deptt.	Designation	Scale of pay
1. Dr. Shriniwas	Pathology & Bacteriology	Reader (on probation)	700-1100
2. Dr. Mohan Lal Mehrotra	do	(1) Temp. Demonstrator	300-25-350
		(2) Demonstrator (for three years)	do
3. Dr. Pramodnath	do	(1) Temp. Demonstrator	300-350
		(2) Demonstrator (for three years)	do
4. Dr. P. K. Srivastava	do	(1) Temp. Demonstrator	300-350
		(2) Temp. Resident Pathologist	325-365
5. Dr. (Mrs.) Ratan Mala Gupta	Pathology & Bacteriology	(1) Demonstrator (on contract)	300-350
		(2) Temp. Lect.	400-800
6. Dr. M. P. Vaidya	Surgery	Professor (on probation)	1000-1500
7. Dr. T. P. Srivastava	do	Reader (on probation)	700-1100
8. Dr. N. N. Khanna	do	do	700-1100
9. Dr. U. S. Mishra	do	Temp. Clinical Registrar	300-350
10. Dr. Ravindra nath	do	Temp. Chinical Registrar	300-350
11. Dr. Pratap Singh	do	Temp. Lecturer	400-800
12. Dr. B. P. Verma	Surgery	Lecturer (on probation)	400-800
13. Dr. H. N. Singh	do	Temp. Clinical Registrar	300-350

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
740/-	M.B.B.S. (LKO), D.C.P. (LKO) M.D. (LKO) Exp. 10 years.	29-8-63	..
300/-	B.Sc. (B.H.U) III Div., M.B.B.S. (LKO). Exp. 1 yr.	7-9-63	..
300/-	do	11-1-64	
300/-	M.B.B.S. (LKO). Exp. 2 years.	30-9-63	..
300/-	do	13-1-64	
300/-	M.B.B.S. (LKO). Exp. 6 months.	1-10-63	..
325/-	do	16-3-64	
350/-	M.B.B.S. (LKO) 2nd in order of merit. Exp. 7 years.	20-1-64	..
400/-	do	18-3-64	
1000/-	M.B.B S., F.R.C.S. (Eng.) F.R.C.S. (Edin.) Exp. 8 years.	3-1-64	..
700/-	M.B.B.S. (LKO), M.S. (LKO) Exp. 5 years.	17-10-63	..
700/-	M.B.B.S. (LKO), M.S. (LKO) Exp. 5 years.	7-4-64	..
300/-	B Sc. (Hons.) (Patna), M.B.-B.S. (Patna), Exp. 2 years.	22-7-63	..
300/-	M.B.B S. (Agra). Exp. 1 year.	3-10-63	..
400/-	B.D.S. (LKO). Exp. 1 year.	19-2-64	Resigned w.e.f. 12-4-64
490/-	M.B.B.S. (Patna), M.S. (Double) (Patna) Exp. 7 years.	29-4-64	..
300/-	B.Sc. (B.H.U.) II Div., M.B.-B.S. (Vikram). Exp. 2 years.	1 [illegible]	

Name of the teacher appointed	College and Deptt. to which posted — College of Medical Sciences — Deptt.	Designation	Scale of pay
14. Dr. J. N. Bhadury	Physiology	Reader (on probation)	700-1100
15. Dr. R. N. Banerjee	do	(a) Temp. Demonstrator	300-350
		(b) do (for three years)	do
16. Dr. (Mrs.) J. Sachdev	do	Temp. Demonstrator	300-350
17. Dr. A. K. Das	Anatomy	Demonstrator (for three years)	300-350
18. Dr. A. K. Sanyal	do	Demonstrator (for three years)	300-350
19. Dr. R. R. Jha	do	Demonstrator (for three years)	300-350
20. Dr. M. Razdon	Obstetrics & Gynaecology	Temp. Chinical Registrar	300-350
21. Dr. S. K. Bhatta-charya	Pharmaco-logy	Demonstrator (for three years)	300-350
22. Dr. S. S. Gambhir	do	Lecturer (on probation)	400-800
23. Dr. D. N. Prasad	Pharmaco-logy	Reader (on probation)	700-1100
24. Shri R. P. Agrawal	Bio-chemistry & Bio-physics	Demonstrator (for three years)	300-350
25. Shri C. N. Murthy	do	Temp. Demonstrator	300-350
26. Dr. H. S. Bajpai	Medicine	Reader (on probation)	700-1100
27. Dr. K. S. Dixit	do	Temp. Lecturer	400-800
28. Dr. P. K. Srivastava	do	Temp. Lecturer	400-800
29. Dr. S. G. Jhingran	do	Temp. Lecturer	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
700/-	B.Sc (Cal.), M.B.B.S. (Cal.), D.Phil. (Cal.). Exp. 7½ years	20-9-63	
300/-	M.B.B S. (Cal.), L.M.F Exp. 5 years.	30-9-63	
300/-	do	11-3-64	Reappointed
300/-	M.B.B.S. (Kanpur), Exp. 2 years.	30-8-63	
300/-	M.B.B S. (Cal). Exp. 2 years	31-7-63	Resigned w.e.f. 6-2-64
300/-	M.B.B.S. (Bihar) Exp. 1 year.	1-2-64	
300/-	M.B.B.S (Bihar). Exp 1 year.	2-4-64	
300/-	M.B.B.S. (LKO). Exp. 1 year.	22-7-63	
300/-	B.Sc. (Cal.), M.B.B.S. (Cal.), Exp. 1 year.	4-4-64	
550/-	M.B.B.S. (Agra), M.D. (Agra) Exp. 2 years.	25-4-64	
780/-	M.B.B.S. (Patna), M.D. (Bihar) Ph.D. (Patna). Exp 7 years.	31-10-63	
300/-	B.Sc. (LKO) II Div., M.Sc. (LKO), II Div. Exp. 2½ years.	16-9-63	
300/-	B Sc. (Andhra) I Div., M.Sc. (B.H.U.) II Div.	9-12-63	
700/-	M.B.B.S. (Agra), M.D. (Agra). Exp. 6 years.	7-4-64	
400/-	M.B B S. (LKO), M.D. Exp. 2 years.	28-10-63	
400/-	B.Sc. (LKO) I Div., M.B.B.S. (LKO), D C.H. (Bombay), M.D (LKO), Exp. 5 years.	7-11-63	
400/-	M B.B.S (LKO), M.D. (LKO). Exp. 3 years.	13-11	

	Name of the teacher appointed	College and Deptt. to which posted		Scale of pay
		College of Medical Sciences		
		Deptt.	Designation	
30.	Dr. Guru Mohan Singh	Medicine	Temp. Lecturer	400-800
31.	Dr. Narendra Bihari	do	Temp. Clinical Registrar	300-350
32.	Dr. J. S. Mathur	Preventive & Social Medicine	Reader (on probation)	700-1100

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
590/-	M.B.B S. (Punjab), M.D. (A.I. I.M.S.) Exp. $2\frac{1}{2}$ years.	6-4-64	..
300/-	M.B.B.S. (A.I.I.M.S.) Exp. 2 years.	16-7-63	..
740/-	B.Sc. (Alld.) II Div., M.B.B.S. (Agra), M.D. (Agra). D.P.H. (London), Exp. 6 years.	9-7-63	..

	Name of the teacher appointed	College and Deptt. to which posted — Post-Graduate Inst. of Ind. Med. College of Medical Sciences: Deptt.	Designation	Scale pay
1.	Dr. P. V. Sharma	Dravya Vijnan	Professor (on probation)	1000-150
2.	Dr. Ram Sushil Singh	do	Reader (on probation)	700-110
3.	Dr. K. C. Chunekar	do	Lecturer (on probation)	400-800
4.	Dr. Ram Kripalu Gupta	do	do	400-800
5.	Dr. T. N. Sharma	do	Lecturer	400-800
6.	Dr. C. Chaturvedi	do	do (for three years)	300-350
7.	Dr. Y. N. Upadhyaya	Kaya Chikitsa	Reader	700-110
8.	Dr. S. N. Tripathi	do	Reader (on probation)	700-110
9.	Dr. G. N. Chaturvedi	do	Temp. Reader	700-110
10.	Ram Harash Singh	Kaya Chikitsa	Clinical Registrar (for 3 years)	300-350
11.	Dr. P. J. Deshpande	Shalya Shalakya	Reader (on probation)	700-110
12.	Dr. P. S. Sankaran	do	Lecturer (on probation)	400-800
13.	Dr. S. N. Pathak	do	(*a*) Chinical Registrar (for three years) (*b*) Temp. Lect.	300-350 400-800
14.	Dr. D. S. Gour	Basic Principles	Reader (on probation)	700-110
15.	Dr. H. C. Shukla	do	Reader (on probation)	700-110

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
1000/-	B.A. (B H.U.) II Div., M.A. (Double) Acharya (Bihar) A.M.S. (B H.U.) I Div. Exp. 17 years.	5-9-63	.
700/-	M.A. (Agra) II Div., A.M.S. (B.H U.) I Div., Shastri, Maulvi, Kamil. Exp. 16 years.	21-11-63	
400/-	A.M.S. (B H.U.) Exp. 7 years.	23-8-63	.
460/-	A.M.S. (B.H.U.), Shastri (B.H.U.) II Div., Exp. 24 years.	11-9-63	
480/-	A.M.S. (B.H.U.), Sahitya-charya (LKO). Exp. 22 years	5-11-63	.
300/-	A.B.M.S (B.H.U.)	16-9-63	.
900/-	B.A. (B.H.U.), A.M.S. (B.H.U.) I Div., Exp. 26 years.	10-8-63	.
700/-	B A. (B H.U.) II Div., A.B.-M S. (B H.U.), Exp. 8 years.	21-8-63	.
700/-	B.A., M.A. (Pre.), A.B M.S , Exp. 12 years	22-8-63	.
300/-	A.B.M.S. (B.H.U.). Exp. 2 years.	7-9-63	..
700/-	A.B.M.S. (B.H.U.), Exp. 15 years.	8-1-64	..
550/-	A.B.M.S. (B.H.U.), Exp. 8 years.	22-8-63	..
300/-	B.A. (B.H.U.), A.B.M S. (B.H.U.) Exp. 5 years.	21-8-63	..
400/-	do	2-5-61	
700/-	A.M.S. (B.H.U.), Exp. 27 years	21-8-63	..
700/-	A.M S. (B H.U.) I Div. Exp. 15 years	23-8-63	..

	Name of the teacher appointed	College and Deptt. to which posted — Women's College — Deptt.	Designation	Scale of pay
1.	Miss Mercy P. Charles	Women's College	Temp. Lecturer in Botany	400-800
2.	Miss Suman Kumari Saxena	do	Temp. Lecturer in Econo.	400-800
3.	Miss K. K. Khare	do	Temp. Lecturer in Painting	400-800
4.	Mrs. Lily Srivastava	do	Lecturer in A.I.H.C. & A (on probation)	400-800
5.	Dr. (Mrs.) P. Pratap	do	Lecturer in Psychology (on probation)	400-800
6.	Miss Indira Gupta	do	Temp. Lecturer in Philosophy	400-800
7.	Mrs. Leena Banerjee	Women's College	Lecturer in History (on probation)	400-800
8.	Mrs. Ibha Kar	do	Lecturer in Zoology (on probation)	400-800
9.	Miss Nirmala Trivedi	do	Lecturer in Botany (on probation)	400-800
10.	Miss Mohini	do	Temp. Lecturer in Geography	400-800
11.	Miss Pushpa Kapoor	do	Lecturer in Geography (on probation)	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	M.Sc. (GKP) II Div., Exp. 10 months	10-10-63	Reappointed
400/-	M.A. (Agra) II Div. Exp. 3 years.	30-11-63	..
490/-	B.A. (B.H U.) II Div., Inter Exam. of Bombay School of Art, L T. (Alld.), M.A. (Hindi) (Alld.), II Div., M.A. (Painting) (Agra) II Div., Sahitya Ratna II Div., Saraswati Exam. II Div., Exp. 9 years.	9-7-63	Reappointed
430/-	B.A. (B.H.U.) III Div., M.A. (B.H.U.) II Div., Exp. 2½ years.	30-8-63	do
400/-	B.A. (Alld.) II Div., M.A. (B H.U.) II Div., Ph.D. (B.H.U.), Dip. in Public & Social Adm. (Oxford). Exp. 3 years.	31-8-63	do
400/-	B.A. II Div., M.A. (Alld.) I Div., Exp. 1 year. 3 months.	31-8-63	Reappointed
430/-	B.A. (Agra) II Div., M.A. (GKP) II Div. 1st position. Exp. 3½ years.	9-7-63	..
400/-	B.Sc. & M.Sc. (B.H.U.) II Div. Exp. 2 years.	1-8-63	Reappointed
400/-	B.Sc. (Agra), M.Sc. (Agra) II Div., Exp. 3 months.	23-7-63	do
400/-	B.A. & M.A. (B.H.U.) II Div., B.Ed. & M.Ed. (B.H.U.) II Div.	17-12-63 till 18-3-64	..
430/-	B.A. (Hons.) (Patna) I Div., 2nd position, M.A. (Patna) I Div, 2nd position. Exp. 4 years.	9-7-63	do

Name of the teacher appointed	College and Deptt. to which posted — Women's College — Deptt.	Designation	Scale of pay
1. Miss Mercy P. Charles	Women's College	Temp. Lecturer in Botany	400-800
2. Miss Suman Kumari Saxena	do	Temp. Lecturer in Econo.	400-800
3. Miss K. K. Khare	do	Temp. Lecturer in Painting	400-800
4. Mrs. Lily Srivastava	do	Lecturer in A.I.H.C. & A (on probation)	400-800
5. Dr. (Mrs.) P. Pratap	do	Lecturer in Psychology (on probation)	400-800
6. Miss Indira Gupta	do	Temp. Lecturer in Philosophy	400-800
7. Mrs. Leena Banerjee	Women's College	Lecturer in History (on probation)	400-800
8. Mrs. Ibha Kar	do	Lecturer in Zoology (on probation)	400-800
9. Miss Nirmala Trivedi	do	Lecturer in Botany (on probation)	400-800
10. Miss Mohini	do	Temp. Lecturer in Geography	400-800
11. Miss Pushpa Kapoor	do	Lecturer in Geography (on probation)	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	M Sc. (GKP) II Div., Exp. 10 months	10-10-63	Reappointed
400/-	M.A. (Agra) II Div. Exp. 3 years.	30-11-63	..
490/-	B.A. (B.H.U.) II Div., Inter Exam. of Bombay School of Art, L.T. (Alld.), M.A. (Hindi) (Alld.), II Div., M.A. (Painting) (Agra) II Div., Sahitya Ratna II Div., Saraswati Exam. II Div., Exp 9 years.	9-7-63	Reappointed
430/-	B.A. (B.H.U.) III Div., M.A. (B H.U.) II Div., Exp. 2½ years.	30-8-63	do
400/-	B.A. (Alld.) II Div., M.A. (B H.U.) II Div., Ph.D. (B.H.U.), Dip. in Public & Social Adm. (Oxford) Exp. 3 years.	31-8-63	do
400/-	B A. II Div., M.A. (Alld.) I Div., Exp. 1 year. 3 months.	31-8-63	Reappointed
430/-	B.A. (Agra) II Div., M.A. (GKP) II Div. 1st position. Exp. 3½ years.	9-7-63	..
400/-	B.Sc. & M.Sc. (B.H.U.) II Div. Exp. 2 years.	1-8-63	Reappointed
400/-	B Sc. (Agra), M.Sc. (Agra) II Div., Exp 8 months	23-7-63	do
400/-	B.A. & M.A. (B.H.U.) II Div., B.Ed. & M.Ed. (B.H.U.) II Div.	17-12-63 till 18-3-64	..
430/-	B.A. (Hons.) (Patna) I Div., 2nd position, M.A. (Patna) I Div, 2nd position. Exp. 4 years.	9-7-63	do

	Name of the teacher appointed	College and Deptt. to which posted — Women's College: Deptt.	College and Deptt. to which posted — Women's College: Designation	Scale of pay
12.	Mrs. Namita Kundu	Women's College	Lecturer in Chemistry (on probation)	400-800
13.	Miss Uma Bhatnagar	do	Temp. Lecturer in Chemistry	400-800
14.	Miss Raj Lakshmi	do	Temp. Instructor in Home Science	200-450
15.	Miss Nandita Sen	do	Temp. Instructor in Physical Training	200-450
16.	Miss N. R. Gadkar	do	Temp. Lecturer in Vocal Music	400-800
17.	Miss Chandra Kala Singh	do	Temp. Lecturer in Psychology	400-800
18.	Mrs. Kamala Srivastava	do	Temp. Lect. in Sanskrit	400-800
19.	Mrs. Pushpa Basu	do	Temp. Lect. in Instrumental Music	400-800
21.	Miss Meenakshi Devi	do	Temp Lect. in Physics	400-800
	Miss Vibhawati	do	Temp. Lect. in A.I.H.C. & A.	400-800
23.	Miss Indra Bhan Singh	do	Temp. Lect. in Physics	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment.	Other Remarks
430/-	B.Sc. & M.Sc. (Utkal) I Div. Exp. 2 years.	9-7-63	Reappointed
400/-	B.Sc. (Agra) I Div., M.Sc. (B.H.U.) II Div., Dip. in German (B H.U.) I Div. Exp. 3½ years.	10-12-63	Resigned w.e.f. 29-1-64
200/-	B.A. (B.H.U.) III Div., Visharad (Hindi Sahitya Sammelan) II Div., Diploma in Tailoring & cutting (Poona), B.Ed (B H U) II Div., Exp. 4 years.	9-7-63	Reappointed
245/-	B.A. (B.H.U) III Div., C.T. with Physical Training Course (Govt. Training College, (LKO) I Div. Exp. 15 years.	9-7-63	[illegible]
460/-	M.A. (B H.U.) III Div., M.Mus. (B.H.U.), Sangeet Praveen (Prayag Sangit Samiti) I Div. Exp. 8 years.	[illegible]	[illegible]
400/-	B.A. (B.H.U.) II Div., M.A. (B.H U.) I Div. Exp. 6 years.	[illegible]	[illegible]
400/-	B.A (Alld) II Div M.A. [illegible] I Div. 2nd position Exp. 1 yr. 8 months	[illegible]	[illegible]
400/-	B.A. (Agra) II Div. M.A. (B.H.U.) II Div. [illegible] (Prayag Sangit Samiti [illegible] Div. B.Mus. (B.H.U. [illegible] M.Mus. (B.H.U. [illegible]	[illegible]	[illegible]
400/-	B.Sc. (B.H.U.) I [illegible] (B.H.U.) I Div.	[illegible]	[illegible]
400/-	B.A. (B.H.U.) [illegible] (B.H.U.) I Div.	[illegible]	[illegible]
400/-	M.A. (B.H.U. [illegible] (Punjab) [illegible] (Alld) II [illegible]	[illegible]	[illegible]

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	Name of the teacher appointed	College and Deptt. to which posted — Central Hindu College (K) — Deptt.	Designation	Scale of pay
1.	Sri. R. N. Singh	C.H.C. (K)	Temp. Lect. in Physics	400-800
2.	Shri A. V. Krishna Rao	do	Temp. Lect. in Physics	400-800
3.	Dr. Jagdish Prasad	do	Temp. Lect. in Chemistry	400-800
4.	Dr. Krishna Swaroop Srivastava	do	do	400-800
5.	Shri G. C. Shukla	do	Temp. Lect. in Math.	400-800
6.	Shri V. K. Kapoor	do	do	400-800
7.	Shri P. K. Jain	do	Temp. Lect. in Drawing	400-800
8.	Dr. K. G. Mukherjee	do	Temp. Lect. in Botany	400-800
9.	Shri V. V. Somayajulu	do	Temp. Lect. in Physics	400-800
10.	Shri Suresh Kumar Sinha	do	Temp. Lect. in Chemistry	400-800
		B.H.U. Library		
1.	Shri Kamleshwar Nath	Library Sc.	Temp. Lect.	400-800

Initial pay	Qualification showing Div. obtained and experience	Date of appointment	Other Remarks
400/-	B.Sc. (B.H.U.) II Div. M.Sc. (B.H.U.) I Div. 1st position	9-7-63	Appointed in the College of Science w.e.f. 7-10-63
400/-	B.Sc. (Hons.) (Andhra) I Div. M.Sc. (Andhra) I Div. Exp. 8 yrs.	7-10-63	
400/-	B.Sc. (Agra) II Div. M.Sc. (Alld) I Div. 1st position, D.Phil (Alld) Dip. in German Exp. 3 yrs.	12-7-63	
400/-	B.Sc. (Alld) II Div. M.Sc. (Alld) II Div. D.Phil. (Alld) Exp. 4 yrs.	7-10-63	Resigned w.e.f. 22-10-63
400/-	B.Sc. (B.H.U.) M.Sc. (B.H.U.) I Div. 1st position. Exp. 1½ years.	9-7-63	Reappointed w.e.f 13-12-63
400/-	B.Sc. (B.H.U.) III Div. M.A. (B.H.U.) II Div. Certificate in Statistical Method (B.H.U.) I Div. 2nd position.	19-12-63	
400/-	B.Sc. (Engg.) B.H.U. I Div.	16-8-63	Previously working in Engg. College
400/-	B.Sc. (Lko) III Div. M.Sc. (Lko) II Div. Ph.D. (Lko) F.B.S. Exp. 5 yrs.	16-7-63	
400/-	M.Sc. (Andhra) II Div. Exp. 1 month	13-12-63	
400/-	M.Sc. (Patna) II Div.	4-3-64	
400/-	M.A. (Punjab) III Div. Dip. in Lib. Sc. (B.H.U.) I Div. M.Lib. Sc. (Delhi) II Div. 2nd position, Exp. 5 months	19-10 8-	

APPENDIX D

NEW ADMISSIONS

Name of the College	*No. of students admitted*
1. Central Hindu College	
P.U.C. Arts	66
B.A. Pt. I	19
B.A. Pt. II	409
B.Com. Pt. I	31
B.Com. Pt. II	117
M.A. Previous	245
M.Com. Previous	45
Diploma	186
2. College of Science	
P.U.C. Science	360
B.Sc. Pt. I	251
B.Sc. Pt. II	329
M.Sc. Previous	219
Diploma in Spectroscopy	7
3. Law College	
LL. B. Previous	89
LL.M.	15
Ph. D	4
4. College of Mining & Metallurgy	
B.Sc. (Min. Engg.)	40
B.Sc. (Met. Engg.	70
M.Sc. (Met. Engg.)	16
5. Engineering College	
2nd Year of the Integrated Course	390
6. College of Technology	
2nd Yr. B.Sc. Chem. Engg.	30
2nd Yr. B.Sc. Silicate Tech.	30
2nd Yr. B.Pharm.	22
M.Sc. Chem. Engg. (Pre.)	10
M.Pharm.	12
7. College of Agriculture	
B.Sc. (Ag.) Part II	101
M.Sc. (Ag.) Previous	62
College of Indology	
M.A. (Previous)	42

eacher's Training College	
.Ed.	128
.Ed.	13
ollege of Music & Fine Arts	
oma in Music	
st Year	102
nd Year	2
rd Year	20
loma in Painting	
1st Year	2
2nd Year	4
3rd Year	4
B.Mus. Part I	1
B.Mus. Part II	5
M.Mus.	6
egree in Fine Arts	
Part I (Painting)	4
Part II (Painting)	4
Part II (Sculpture)	1
College of Medical Sciences	
M.B.B.S.	60
M.D. (Ayurveda)	19
Bachelor of Library Science	37
Women's College	
P.U.C. Arts	62
P.U.C. Science	54
B.A. Part I	40
B.A. Part II	101
B.Sc. Part I	13
B.Sc. Part II	35
14. *Central Hindu College, Kamachha*	
Ist Year Technology	375
Ist Year Agriculture	62
Pre-Medical Course	83
Ist Year B.Pharm.	30
15. *Sanskrit Mahavidyalaya*	
Paurohitya Ratna	27
Madhyama	
Shastri	
Acharya	

APPENDIX D

NEW ADMISSIONS

Name of the College	*No. of students admitted*
1. *Central Hindu College*	
P.U.C. Arts	66
B.A. Pt. I	19
B.A. Pt. II	409
B.Com. Pt. I	31
B.Com. Pt. II	117
M.A. Previous	245
M.Com. Previous	45
Diploma	186
2. *College of Science*	
P.U.C. Science	360
B.Sc. Pt. I	251
B.Sc. Pt. II	329
M.Sc. Previous	219
Diploma in Spectroscopy	7
3. *Law College*	
LL. B. Previous	89
LL.M.	15
Ph. D.	4
4. *College of Mining & Metallurgy*	
B.Sc. (Min. Engg.)	40
B.Sc. (Met. Engg.	70
M.Sc. (Met. Engg.)	16
5. *Engineering College*	
2nd Year of the Integrated Course	390
6. *Colle... ...nology*	
... Engg.	30
...ate Tech.	30
...	22
...Engg. (Pre.)	10
...	12
...Agriculture	
...) Part II	101
...(Ag.) Previous	62
...lege of Indology	
M.A. (Previous)	42

9. *Teacher's Training College*	
B.Ed.	128
M.Ed.	13
10. *College of Music & Fine Arts*	
Diploma in Music	
Ist Year	102
2nd Year	2
3rd Year	20
Diploma in Painting	
1st Year	2
2nd Year	4
3rd Year	4
B.Mus. Part I	1
B.Mus. Part II	5
M.Mus.	6
Degree in Fine Arts	
Part I (Painting)	4
Part II (Painting)	4
Part II (Sculpture)	1
11. *College of Medical Sciences*	
M.B.B.S.	60
M.D. (Ayurveda)	19
12. *Bachelor of Library Science*	37
13. *Women's College*	
P.U.C. Arts	62
P.U.C. Science	54
R A Part I	40
Part II	101
Part I	13
Part II	35
...du College, Kamachha	
...gy	
	375
	62
	88
	30
	27
	66
	52
	15

WORKS IN PROGRESS IN 1963-64

(But not completed)

	Name of the Project	Expenditure during 1963-64 (in Rs.)	Sanctioned Amount (in Rs.)
1.	Swimming Pool (Olympic Size)	1,79,356	3,00,000
2.	Eye Hospital	1,56,155	2,60,000
3.	Children's Hospital	...	...
4.	Medical College Building	38,525	44,00,000
5.	Construction of Medical College Hostel	3,38,681	16,00,000
6.	Medical College Staff Quarters	78,220	20,00,000
7.	Another Hostel for Engineering College	34,362	7,66,784
8.	Pilot Plant Lab. Min. Met.	14,122	41,000
9.	Water Supply Reorganisation Scheme	17,991	10,46,150
10.	Shopping Centre	28,372	74,500
11.	School of Nursing	35,788	50,000
12.	Expansion College of Medical Sciences	2,31,090	3,00,000
13.	Rest House S. S. Hospital	11,501	1,05,760
14.	Nurses Hostel II Floor	34,722	90,000
15.	Nurses School I Floor	24,564	90,000
16.	Miscellaneous Work in T. T. College	201	12,200
17.	B.H.U. Sewerage Scheme	13,798	2,50,000
18.	Hobby Workshop	7,669	25,000
19.	Construction of Roads	28,115	2,79,000
20.	Improvement of Play Grounds	585	1,44,400

9. Teacher's Training College	
B.Ed.	128
M.Ed.	13
10. College of Music & Fine Arts	
Diploma in Music	
1st Year	102
2nd Year	2
3rd Year	20
Diploma in Painting	
1st Year	2
2nd Year	4
3rd Year	4
B.Mus. Part I	1
B.Mus. Part II	5
M.Mus.	6
Degree in Fine Arts	
Part I (Painting)	4
Part II (Painting)	4
Part II (Sculpture)	1
11. College of Medical Sciences	
M.B.B.S.	60
M.D. (Ayurveda)	19
12. Bachelor of Library Science	37
13. Women's College	
P.U.C. Arts	62
P.U.C. Science	54
B.A. Part I	40
B A Part II	101
B.Sc. Part I	13
B.Sc. Part II	35
14. Central Hindu College, Kamachha	
1st Year Technology	375
1st Year Agriculture	62
Pre-Medical Course	88
1st Year B Pharm.	30
15. Sanskrit Mahavidyalaya	
Paurohitya Ratna	27
Madhyama	66
Shastri	52
Acharya	15

WORKS IN PROGRESS IN 1963-64

(But not completed)

	Name of the Project	Expenditure during 1963-64 (in Rs.)	Sanctioned Amount (in Rs.)
1.	Swimming Pool (Olympic Size)	1,79,356	3,00,000
2.	Eye Hospital	1,56,155	2,60,000
3.	Children's Hospital	...	...
4.	Medical College Building	38,525	44,00,000
5.	Construction of Medical College Hostel	3,38,681	16,00,000
6.	Medical College Staff Quarters	78,220	20,00,000
7.	Another Hostel for Engineering College	34,362	7,66,784
8.	Pilot Plant Lab. Min. Met.	14,122	41,000
9.	Water Supply Reorganisation Scheme	17,991	10,46,150
10.	Shopping Centre	28,372	74,500
11.	School of Nursing	35,788	50,000
12.	Expansion College of Medical Sciences	2,31,090	3,00,000
13.	Rest House S. S. Hospital	11,501	1,05,760
14.	Nurses Hostel II Floor	34,722	90,000
15.	Nurses School I Floor	24,564	90,000
16.	Miscellaneous Work in T. T. College	201	12,200
17.	B.H.U. Sewerage Scheme	13,798	2,50,000
18.	Hobby Workshop	7,669	25,000
19.	Construction of Roads	28,115	2,79,000
20.	Improvement of Play Grounds	585	1,44,400

9. Teacher's Training College	
B.Ed.	128
M.Ed.	13
10. College of Music & Fine Arts	
Diploma in Music	
Ist Year	102
2nd Year	2
3rd Year	20
Diploma in Painting	
1st Year	2
2nd Year	4
3rd Year	4
B.Mus. Part I	1
B.Mus. Part II	5
M.Mus.	6
Degree in Fine Arts	
Part I (Painting)	4
Part II (Painting)	4
Part II (Sculpture)	1
11. College of Medical Sciences	
M.B B.S.	60
M.D. (Ayurveda)	19
12. Bachelor of Library Science	37
13. Women's College	
P.U.C. Arts	62
P.U.C. Science	54
B.A. Part I	40
B.A. Part II	101
B.Sc. Part I	13
B.Sc. Part II	35
14. Central Hindu College, Kamachha	
Ist Year Technology	375
Ist Year Agriculture	62
Pre-Medical Course	88
Ist Year B.Pharm.	30
15. Sanskrit Mahavidyalaya	
Paurohitya Ratna	27
Madhyama	66
Shastri	52
Acharya	15

APPENDIX E

NUMBER OF STUDENTS ON ROLL IN DIFFERENT COLLEGES OF THE UNIVERSITY

Name of College		Total	
1. *Sanskrit Mahavidyalaya*			
(a) Madhyama			
1st year	63		
2nd year	28		
3rd year	14	105	
(b) Shastri			
1st year	45		
2nd year	32		
3rd year	13	90	
(c) Karma Kand Shastri			
1st year	7		
2nd year	1		
3rd year	1	9	
(d) Acharya			
1st year	15		
2nd year	9		
3rd year	13	37	
(e) Chakravarty (Research)			
1st year	5		
2nd year	3	8	
(f) Paurohitya Ratna			
1st year	27		
2nd year	2		
3rd year	1	30	279
2. *Central Hindu College*			
(a) P.U.C. Arts	60	60	
(b) B.A. Pt. I	16		
Pt. II	373		
Pt. III	242	631	

Name of College			Total
(c) B.Com. Pt. I	28		
Pt. II	106		
Pt. III	93	227	
(d) M.A. (Previous)	226		
(Final)	187	413	
(e) M.Com. (Previous)	38		
(Final)	48	86	
(f) Research Arts	58		
Commerce	2	60	1477
3. *College of Science*			
(a) P.U.C. Science	354	354	
(b) B.Sc. Pt. I	239		
Pt. II	312		
Pt. III	186	737	
(c) M.Sc. (Previous)	205		
(Final)	155	360	
(d) Research	191	191	
(e) Diploma in Spectroscopy	7	7	1649
4. *Women's College*			
(a) P.U.C. Arts	58		
Science	51	109	
(b) B.A. Pt. I	39		
Pt. II	97		
Pt. III	105	241	
(c) B.Sc. Pt. I	12		
Pt. II	36		
Pt. III	23	71	421
5. *Law College*			
(a) LL.B. (Previous)	64		
(b) LL.B. (Final)	83	147	
(c) LL.M.	15	15	
(d) Research	6	6	168

Name of College			Total
6. *College of Medical Sciences*			
(a) M.B.B.S.			
1st year	60		
2nd year	22		
3rd year	32		
4th year	41		
5th year	23	178	
(b) A.B.M.S.			
3rd year	4		
4th year	13		
5th year	51	68	
(c) M.D. (Ayurveda)		18	264
7. *College of Indology*			
(a) M.A. (Previous)	35		
(Final)	42	77	
(b) Research 1st year	27		
2nd year	31	58	
(c) Post Graduate Diploma in			
(i) Indian History & Cult.	1		
(ii) Numismatics	2		
(iii) Archaeology	1	4	139
8. *College of Music & Fine Arts*			
(a) Certificate Course in Music (Old)			
2nd year	19	19	
(b) Diploma in Music (Old)			
2nd year	4	4	
(c) Diploma in Music (New)			
1st year	13		
2nd year	1		
3rd year	6	20	
(d) B.Mus. (Old)			
2nd year	7	7	
(e) B.Mus. (New)			
Part I	1		
Part II	4	5	

Name of College			Total
(*f*) M.Mus. (Previous)	6		
(Final)	3	9	
(*g*) D.Mus. Final	2	2	
(*h*) Research	4	4	
Fine Arts			
(*a*) Diploma in Painting (Old)			
(i) Junior Diploma in Painting 2nd year	1		
(ii) Senior Diploma in *Painting 1st* year	1		
(iii) Senior Diploma in Painting 2nd year	6	8	
(*b*) Diploma in Fine Arts (New)			
1st year	2		
2nd year	2		
3rd year	4	8	
(*c*) Degree Course in Fine Arts (New)			
Part I Painting	4		
Part II Painting	4		
Part II Sculpture	1	9	95
9. Teacher's Training College			
(*a*) B.Ed.	125	125	
(*b*) M.Ed.	13	13	
(*c*) Research	9	9	147
10. College of Technology			
(*a*) B.Sc. Chem. Engg. (Integ.)			
2nd year	28		
3rd year	37		
4th year	36		
5th year	43	144	
(*b*) B.Sc. Silicate Tech. (Integ.)			
2nd year	28		
3rd year	21		
4th year	11		
5th year	2	62	

Name of College			Total
(c) B.Pharm. (Integ.)			
2nd year	20		
3rd year	20		
4th year	12	52	
(d) M.Pharm. (Previous)	11	11	
(e) M.Sc. Chem. Engg. (Prev.)	8	8	
(f) Research	4	4	281
11. *College of Agriculture*			
(a) B.Sc. Ag. Pt. II	83		
Pt. III	74		
Pt. IV	69	226	
(b) M.Sc. Ag. (Previous)	62		
(Final)	36	98	
(c) Research	33	33	357
12. *Engineering College*			
(a) B.Sc. Engg. (Integ.)			
2nd year	367		
3rd year	249		
4th year	260		
5th year	226		
B.Sc. Engg. Pt. II (Old)	12	1114	
(b) M.Sc. Engg. (Elect. Machine Design)	8	8	
(c) Research	6	6	1128
13. *College of Mining & Metallurgy*			
(a) B.Sc. Min. Engg. (Integ.)			
2nd year	39		
3rd year	39		
4th year	30		
5th year	33	141	
(b) B.Sc. Met. Engg. (Integ.)			
2nd year	69		
3rd year	62		
4th year	57		
5th year	51	239	
(c) M.Sc. (Met. Engg.)	12	12	

(*d*) Research (Met.)	11		
(Min.)	1	12	404
14. Central Hindu College, Kamachha			
(*a*) 1st yr. of 5th yr. Technology	309	309	
(*b*) 1st yr. of 4th year Agric.	44	44	
(*c*) 1st yr. of 4th yr. B.Pharm.	19	19	
(*d*) Pre-Medical Course	76	76	448
15. Bachelor of Library Science			34

APPENDIX F

Number of Students who received Scholarships from various sources

Colleges	*Central Govt.*	*Univ. Grants Commission*	*State Govt.*	*University*	*Otheragencies*	*College*
A. Constituent Colleges						
College of Medical Sciences	24	..	1	25	..	..
College of Science	160	26	86	35	48	..
College of Indology	21	..	4	36	..	..
Women's College	1	..	8	40	3	..
Engineering College	115	..	107	26	5	..
Central Hindu College (Kamachha)	37	..	27	20	1	..
Teacher's Training College	1	..	85	..	..	..
College of Agriculture	68	..	9	24	1	..
College of Technology	39	..	5	23	14	..
College of Mining & Metallurgy	86	..	38	19	..	..
College of Music & Fine Arts	3	..	3	10	..	..
Law College	5	..	..	5	..	..
Central Hindu College	104	12	19	17	23	..
Sanskrit Mahavidyalaya	..	..	..	179	..	..
Bachelor of Library Science	1	..	3	..	..	..
B. Affiliated Colleges						
Vasanta College for Women	..	..	13	..	..	..
D.A.V. Degree College	38	..	7	..	1	90
Arya Mahila Degree College	..	..	2	..	..	..
Vasant Kanya Mahavidyalaya	..	..	1	..	..	..

APPENDIX G

Number of Students who received Freeships or half-freeships

A. Constituent Colleges	*Freeships*	*Half-freeships*
College of Medical Sciences	17	59
College of Science	152	317
College of Indology	15	18
Women's College	101	..
Engineering College	187	101
Central Hindu College (K)	67	65
Teacher's Training College	13	25
College of Agriculture	26	96
College of Technology	28	62
College of Min. & Mett.	38	77
College of Music & Fine Arts	45	5
Law College	12	46
Central Hindu College	68	477
Sanskrit Mahavidyalaya	..	..
Bachelor of Library Science	2	9
B. Affiliated Colleges		
Vasanta College for Women	16	35
D.A.V. Degree College	2	113
Arya Mahila Degree College	3	4
Vasant Kanya Mahavidyalaya	9	15

Shastri												
1st Yr. ,,	45	..	..	..	43	..	..	..	2	..	..	81%
2nd Yr. ,,	32	..	..	..	29	..	..	..	3	..	..	81%
3rd Yr. ,,	13	..	..	..	13	..	..	..	..	..	..	81%
Karma-Kand Shastri												
1st Yr. ,,	7	..	..	..	7	..	..	..	..	..	..	81%
2nd Yr. ,,	1	..	..	..	1	..	..	..	..	..	..	81%
3rd Yr. ,,	1	..	..	..	1	..	..	..	..	..	..	81%
Acharya												
1st Yr. ,,	15	..	..	..	15	..	..	..	..	..	..	81%
2nd Yr. ,,	9	..	..	..	8	..	..		..	1	..	81%
3rd Yr. Male	12	..	..	..	12	..	..	..	..	..	..	81%
,, ,, Female	1	..	..	..	1	..	..	..	..	..	..	81%
Chakravarti (Research)												
1st Yr. Male	5	..	..	..	5	..	..	..	..	..	..	81%
2nd Yr. ,,	3	..	..	..	3	..	..	..	..	..	..	81%
Total	279	..	..	..	273	..	..	..	5	1	..	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Baudhha Students.	No. of Parsee Students.	Average daily attendance.
CENTRAL HINDU COLLEGE												
P.U.C. (Arts)	60	..	..	..	55	4	1	..	..	..	..	80%
B.A. Pt. I	16	..	..	..	15	..	..	..	..	1	..	80%
Pt. II	373	56	22	1	279	13	..	..	2	..	..	80%
Pt. III	242	19	25	..	184	13	..	..	1	..	..	80%
B.Com. Pt. I	28	1	..	..	25	1	..	..	..	1	..	80%
Pt. II	106	4	4	..	92	2	..	..	4	..	..	80%
Pt. III	93	10	2	..	74	3	..	..	4	..	..	80%
M.A. (Prev.) Male	149	23	5	..	108	2	..	..	1	10	..	80%
Female	77	..	..	..	76	..	..	..	..	..	1	80%
(Final) Male	116	11	4	..	97	4	..	..	..	..	..	80%
Female	71	2	..	..	68	1	..	..	..	..	..	80%

					Central Hindu College							
P.U.C. (Arts)	60		.	.	55	4	1	..	..	..	..	[illegible]
B.A. Pt I	16		.		15	..		..	..	1	..	[illegible]
Pt II	373	56	22	1	279	13		..	2	..	..	[illegible]
Pt III	242	19	25	.	[illegible]	13			1	..	..	[illegible]
B.Com. Pt I	28	1			20	1			.	1	..	[illegible]
Pt II	[illegible]	4	[illegible]		[illegible]	[illegible]			4	.	..	[illegible]
M.A. [illegible]	[illegible]				[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
M.Com. (Prev.)	38	4	..	..	33	1	..	..	..	..	..	80%
(Final)	48	2	5	..	39	1	.	..	1	..	..	80%
Ph.D. Male	44	1	..	..	42	..	1	..	..	..	..	80%
Female	16	..	..	..	16	..	.	..	..	..	..	80%
Total	1477	133	67	1	1203	45	2	.	13	12	1	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Buddha Students.	No. of Parsee Students.	Average daily attendance.
CENTRAL HINDU COLLEGE, KAMACHHA												
1st Yr. of the 5 Yr. Integ. Course in Technology	309	21	..	1	280	5	2	..	..	..	..	95%
B.Sc. Agriculture Pt. I	44	7	..	..	36	1	..	..	..	..	..	95%
1st Yr. B.Pharm. Male	18	..	..	..	17	..	..	..	..	1	..	95%
Female	1	..	..	..	..	..	..	..	..	1	..	95%
Pre-Medical Course Male	57	3	..	..	50	2	2	..	..	..	..	95%
Female	19	..	..	..	16	..	3	..	..	..	..	95%
Total	448	31	..	1	399	8	7	..	..	2	..	..

College of Science

P.U.C. (Sc.)	351	47	..	..	305	2	..	..	..	..	..	267
Three Yrs. Degree Course												
B.Sc. Pt. I Male	236	9	3	..	215	3	1	5	..	..	..	189
Female	3	..	..	..	3	..	..	..	..	..	..	2
Pt. II Male	311	11	4	..	290	5	..	1	..	..	..	249
Female	1	..	..	..	1	..	..	..	..	..	..	1
Pt. III Male	184	4	1	..	176	3	..	..	..	..	..	147
Female	2	..	..	..	2	..	..	..	..	..	..	2
M.Sc. (Prev.) Male	181	2	..	..	177	..	2	..	..	..	..	163
Female	24	..	..	..	24	..	..	..	..	..	..	21
(Final) Male	130	1	1	..	121	3	2	1	1	..	..	127
Female	25	..	..	..	23	..	1	1	..	..	..	24
Research Male	168	..	..	..	166	2	..	..	..	..	..	168
Female	23	..	..	..	21	..	2	..	..	..	..	23
ctroscopy Diploma Male	7	..	..	..	7	..	..	..	..	..	..	6
al	1619	74	9	..	1531	18	8	8	1	..	..	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Bauddha Students.	No. of Parsee Students.	Average daily attendance.
					WOMEN'S COLLEGE							
P.U.C. Arts	58	1	1	..	52	..	2	1	..	..	1	84%
Science	51	..	..	..	50	..	..	..	..	..	1	92%
B.Sc. Pt. I	12	..	..	..	12	..	..	..	..	..	..	90%
Pt. II	36	..	..	..	33	..	2	1	..	..	..	91%
Pt. III	23	..	..	..	20	1	..	..	1	..	1	94%
B.A. Pt. I	39	1	..	..	34	1	..	3	..	..	..	85%
Pt. II	97	1	..	..	95	..	..	1	..	..	..	85%
Pt. III	105	1	..	..	102	..	..	1	1	..	..	86%
Total	421	4	1	..	398	2	4	7	2	..	3	..

COLLEGE OF INDOLOGY

M.A. (Prev.) Male	11	1	..	..	7	..	1	..	..	2	..	75%
Female	24	..	..	..	23	..	1	..	..	..	..	75%
(*Final*) Male	19	..	..	..	15	..	..	..	2	2	..	75%
Female	23	..	..	..	23	..	..	..	..	..	..	75%
Research 1st Yr. Male	16	1	..	..	12	..	3	..	..	..	..	75%
Female	11	..	..	..	11	..	..	..	..	..	..	75%
2nd Yr. Male	22	..	..	..	19	..	1	..	1	1	..	75%
Female	9	..	..	..	9	..	..	..	..	..	..	75%
Post-Graduate Diploma in Indian History & Culture Female	1	..	..	..	..	..	1	..	..	..	..	75%
Post-Graduate Diploma in Numismatics Male	2	..	..	..	2	..	..	..	..	..	..	75%
Post-Graduate Diploma in Archaeology Male	1	..	..	..	1	..	..	..	..	..	..	75%
Total	139	2	..	..	122	..	7	..	3	5	..	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Baudha Students.	No. of Parsee Students.	Average daily attendance.
LAW COLLEGE												
LL.B. (Prev.) Male	63	9	1	..	44	9	..	..	..	..	..	75%
Female	1	..	..	..	1	..	..	..	..	..	..	75%
(Final) Male	80	9	3	..	63	4	..	..	1	..	..	80%
Female	3	..	..	..	3	..	..	..	..	..	..	80%
LL.M. Male	13	2	..	..	10	1	..	..	..	..	..	80%
Female	2	..	..	..	2	..	..	..	..	..	..	80%
Research Male	6	..	..	..	6	..	..	..	..	..	..	..
Total	168	20	4	..	129	14	..	..	1	..	..	..

COLLEGE OF TECHNOLOGY

Integ. Course in B.Pharm.	20	1	..	..	17	..	..	..	1	1	..	85%
2nd Yr.	20	..	..	..	20	..	..	..	..	..	..	88%
3rd Yr.	12	..	..	..	10	..	1	1	..	..	..	90%
4th Yr.	11	..	..	..	9	..	..	1	1	..	..	95%
M.Pharm. (Prev.)												
Integ. Course in Silicate Tech.	28	..	..	..	25	..	..	1	2	..	..	82%
2nd Yr.	21	..	1	..	19	..	..	1	..	..	..	86%
3rd Yr.	11	..	..	..	11		..	..	..	..	..	87%
4th Yr.	2	..	..	..	2	..	..	..	..	..	..	95%
5th Yr.												
Integ. Course in Chem. Engg.	28	1	..	..	24	..	1	..	2	..	..	80%
2nd Yr.	37	..	..	..	34	..	1	..	2	..	..	83%
3rd Yr.	36	3	..	..	32	..	..	1	..	..	..	85%
4th Yr.	43	2	2	..	36	1	..	2	..	..	..	96%
5th Yr.	8	1	..	..	6	1	..		..	..	..	100%
.Sc. Chem. Engg. (Prev.)	4	..	.	..	3	1	.	..	..	..	..	100%
.earch												
tal	281	8	3	..	248	3	3	7	8	1	..	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Buddha Students.	No. of Parsee Students.	Average daily attendance.
COLLEGE OF MINING & METALLURGY												
Integ. Course in Mining												
2nd Yr.	39	4	..	..	33	..	..	1	1	..	..	90%
3rd Yr.	39	4	..	..	33	1	..	..	1	..	..	90%
4th Yr.	30	3	..	..	25	..	..	..	1	1	..	90%
5th Yr.	33	2	1	..	26	1	..	1	2	..	..	90%
Integ. Course in Metallurgy												
2nd Yr.	69	5	..	..	62	..	..	1	1	..	..	90%
3rd Yr.	62	11	..	..	48	..	..	1	2	..	..	90%
4th Yr.	57	4	..	..	48	1	..	..	4	..	..	90%
5th Yr.	51	5	1	..	41	1	..	..	3	..	..	90%

M.Sc. Met. Engg.	12	1	..	..	10	..	1	..	..	..	..	90%
Ph.D. in Met. Engg.	11	..	..	..	10	..	..	..	1	..	..	90%
Ph.D. in Min. Engg.	1	..	..	..	1	..	..	..	..	..	..	90%
Total	404	39	2	..	337	4	1	4	16	1	..	..

ENGINEERING COLLEGE

Integ. Course in Engineering												
2nd Yr. Male	365	14	1	..	334	2	4	4	6	..	..	92%
Female	2	..	..	..	2	..	..	..	..	..	..	92%
3rd Yr.	249	2	3	1	225	..	2	8	8	..	..	94%
4th Yr.	260	7	1	..	233	1	..	6	11	..	1	96%
5th Yr.	226	3	1	..	205	..	..	8	5	..	4	98%
B.Sc. Engg. Pt. II (Old)	12	..	..	..	12	..	..	..	..	..	..	97%
M.Sc. (Engg.)	8	..	..	..	8	..	..	..	..	..	..	98%
Research	6	..	..	..	6	..	..	..	..	..	..	95%
otal	1128	26	6	1	1025	3	6	26	30	..	5	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Bauddha Students.	No. of Parsee Students.	Average daily attendance.
College of Agriculture												
B.Sc. (Ag.) Integ. Course in Agriculture												
Part II	83	2	..	..	78	2	..	1	..	..	..	..
Part III	74	7	4	..	63	..	..	..	..	..	..	..
Part IV	69	6	3	..	56	4	..	..	..	..	..	..
M.Sc. (Ag.) Previous	62	12	3	..	46	..	..	1	..	..	..	..
Final	36	5	1	..	30	..	..	..	..	..	..	..
Research	33	..	..	..	32	..	..	1	..	..	..	..
Total	357	32	11	..	305	6	..	3	..	..	..	..

TEACHERS, TRAINING COLLEGE

B.Ed. Male	63	..	..	..	62	1	..	..	..	..	..	88%
Female	62	2	..	..	59	1	..	..	..	..	.	..
M.Ed. Male	8	..	..	..	8	..	..	..	..	..	..	98%
Female	5	..	..	..	5	..	..	..	..	..	..	..
Research												
Male	7	..	..	..	7	..	..	.	..	..	..	..
Female	2	..	..	..	2	..	.	..	..	..	..	..
Total	147	2	..	..	143	2	.		.	..	.	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Bauddha Students.	No. of Parsee Students.	Average daily attendance.
COLLEGE OF MUSIC & FINE ARTS (*Contd.*)												
Old Dip. Course in Painting												
2nd Yr. Male	1	..	..	..	1	..	..	..	..	..	..	..
3rd Yr. Male	1	..	..	..	1	..	..	..	..	..	..	..
4th Yr. Male	6	..	1	..	5	..	..	..	..	..	..	..
New Degree Course in Sculpture												
2nd Yr. Female	1	..	..	..	1	..	..	..	..	..	..	..
Old Dip. Course in Sculpture												
2nd Yr. Male	1	..	..	..	1	..	..	..	..	..	..	..
3rd Yr. Male	1	..	1	..	..	..	..	..	..	..	..	..
Total	218	3	4	..	200	1	1	1	7	..	1	..

College of Medical Sciences

M.B.B.S.												
1st year Male	50	1	..	..	47	..	..	2	..	..	..	..
Female	10	..	..	..	10	..	..	..	..	..	..	..
2nd year Male	21	..	..	..	19	1	1	..	..	..	..	..
Female	1	..	..	..	1	..	..	..	..	..	..	..
3rd year Male	26	1	..	..	21	..	3	1	..	..	..	..
Female	6	..	..	..	5	..	1	..	..	..	..	..
4th year Male	37	3	..	..	31	..	1	2	..	..	..	..
Female	4	..	..	..	4	..	..	..	..	..	..	..
5th year Male	20	..	..	..	18	1	..	1	..	..	..	..
Female	3	..	..	..	3	..	..	..	..	..	..	..
A.B.M S.												
3rd year Male	4	2	..	..	2	..	..	..	..	..	.	..
Female	..	..	..	..	..	..	..	..	..	..	..	..
4th year Male	13	..	..	..	13	.	..	..	..	..	..	..
Female	..	..	..	..	..	..	.	..	..	..	..	..
5th year Male	51	5	..	..	45	1	..	..	.	..	..	..
Memale	..	..	..	..	..	..	..	.	..	..	..	..
M.D. (Ayurveda)	17	..	..	..	17	.	..	..	..	..	..	..
Female	1	..	..	..	1	.	..	..	..	..	..	..
Total	261	12	..	..	237	3	6	6	..	..	..	..

FORM A

Figures as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Bauddha Students.	No. of Parsee Students.	Average daily attendance.
					B.H.U. LIBRARY							
Bachelor of Library Science												
Male	31	3	..	..	27	..	..	1	..	..	..	84.5%
Female	3	..	..	..	3	..	..	..	..	..	..	90%
Total	34	3	..	..	30	..	..	1	..	..	..	..
					D.A.V. DEGREE COLLEGE							
P.U.C.	4	..	..	..	4	..	..	..	..	..	..	4
B.A. Part II	192	54	17	..	118	3	..	..	..	..	..	185
B.Com. Part II	108	26	6	..	73	2	..	1	..	..	..	92
B.A. Part III	153	35	7	..	104	5	..	1	1	..	..	144
B.Com. Part III	80	9	2	..	66	2	..	1	..	..	..	75
Total	537	124	32	..	365	12	..	3	1	..	..	..

VASANTA COLLEGE FOR WOMEN

B.A. Part II	50	..	..	.	44	2	3	..	1	..	..	98%
B.A. Part III	45	1	..	..	43	1	..	..	..	..	..	98%
Total	95	1	..	..	87	3	3	..	1	..	..	..

ARYA MAHILA DEGREE COLLEGE

B.A. Part II	60	1	..	..	57	..	..	1	1	..	..	85%
B.A. Part III	32	1	..	.	31	..		..	..	..	..	90%
Total	92	2	..	.	88	.	.	1	1	.	..	..

VASANT KANYA MAHAVIDYALAYA

B.A. Part II	72	..	..	..	69	1	.	1	1	..	..	68.4
B.A. Part III	62	..	..	..	58	.	.	3	1	..	..	57.2
Total	131	..	..	.	127	1		4	2		..	..

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
SANSKRIT MAHAVIDYALAYA								
Madhyama 1st Year Male	..	..	..	13	..	49	44	18
Female	..	..	..	..	..	1	1	..
2nd Year Male	..	..	..	7	..	21	15	13
3rd Year Male	..	..	..	3	..	11	8	6
Paurohitya-Ratna 1st Year Male	..	..	..	6	..	21	23	4
2nd Year Male	..	..	..	...	..	2	2	..
3rd Year Male	..	..	..	..	..	1	1	..
Shastri 1st Year Male	..	..	..	10	..	35	37	8
2nd Year Male	..	..	..	8	..	24	21	11
3rd Year Male	...	..	..	4	..	9	6	7
Karma-Kand Shastri 1st Year Male	..	..	..	1	..	6	5	2
2nd Year Male	...	..	..	..	..	1	1	..
3rd Year Male	..	..	..	..	..	1	..	1

Acharya 1st Year Male	..	..	..	3	..	12	9	6
2nd Year Male	..	..	..	6	..	3	6	3
3rd Year Male	..	..	..	6	..	6	8	4
Female	..	..	..	..	..	1	..	1
Chakravarti (Research) 1st Year Male	..	..	..	..	..	5	4	1
2nd Year Male	..	..	..	2	..	1	3	..
Total	...	...	...	69	.	210	194	85

Central Hindu College

P.U.C. Arts	..	..	..	19	..	41	21	39
B.A. Part I	..	..	..	10	..	6	12	4
Part II	9	6	..	86	..	272	286	87
Part III	11	1	..	50	..	180	189	53
B.Com. Part I	..	..	..	11	..	17	7	21
Part II	1	2	..	23	..	80	24	82
Part III	..	3	..	13	..	77	33	60
M.A. (Prev.) Boys	1	4	..	40	..	104	111	38
Girls	..	..	..	31	..	46	6	71
M.A. (Final) Boys	3	..	..	36	..	77	86	30
Girls	..	..	..	30	..	41	8	63
M.Com (Prev.)	..	1	..	2	..	35	20	18
(Final)	2	..	..	8	..	38	24	24
Ph.D. Boys	..	..	..	7	..	37	27	17
Girls	..	..	..	1	..	15	1	15
Total	27	17		367	.	1066	855	622

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
CENTRAL HINDU COLLEGE, KAMACHHA								
I Year Technology	..	16	1	235	..	57	102	207
B.Sc. Agriculture Part I	..	3	..	33	..	8	24	20
I Year B.Pharm								
Male	..	..	..	10	..	8	3	15
Female	..	..	..	1	..	..	..	1
Pre-Medical Course								
Male	..	3	..	32	..	22	23	34
Female	..	..	..	11	..	8	3	16
Total	..	22	1	322	...	103	155	293

COLLEGE OF SCIENCE

P.U.C. Sc. Male	..	14	..	107	..	233	180	174
Female	..	..	..	..	..	..	..	..
B.Sc. Pt. I Male	2	4	..	124	..	106	124	112
Female	..	..	..	3	..	..	..	3
B.Sc. Pt. II Male	1	4	..	114	..	192	182	129
Female	..	..	..	1	..	..	..	1
B.Sc. Pt. III Male	1	1	..	84	..	98	118	66
Female	..	..	..	1	..	1	..	2
M.Sc. (Previous) Male	..	1	..	115	..	65	110	71
Female	..	..	..	12	..	12	..	21
M.Sc. (Final) Male	1	..	..	87	..	42	65	65
Female	..	..	..	10	..	15	8	17
Research Male	..	..	..	99	..	69	72	96
Female	..	..	..	16	..	7	4	19
Spectroscopy Diploma Male	..	..	..	4	..	3	2	5
Female	..	..	..	..	..	..	..	..
Total	5	24	..	777	..	843	865	781

FORM B

Figures as on 31st March, 1961

Class	No. of students in Hostels: Scheduled Caste	No. of students in Hostels: Backward Class	No. of students in Hostels: Scheduled Tribe	No. of students in Hostels: Others	No. of students in University area	No. of days scholars	Students according to area: Rural	Students according to area: Urban
1	2	3	4	5	6	7	8	9
WOMEN'S COLLEGE								
P.U.C. Arts	1	1	..	21	..	35	11	47
P.U.C. Science	..	..	..	16	..	35	7	44
B.Sc. Pt. I	..	..	..	4	..	8	..	12
B.Sc. Pt. II	..	..	..	11	..	25	3	33
B.Sc. Pt. III	..	..	..	2	..	21	2	21
B.A. Pt. I	..	..	..	19	..	20	4	35
B.A. Pt. II	1	..	..	38	..	58	20	77
B.A. Pt. III	1	..	..	19	..	85	14	91
Total	3	1	..	130	..	287	61	360

College of Indology

M.A. Prev. Male	..	..	..	5	..	6	5	6
Female	..	..	..	5	4	15	4	20
M.A. Final Male	..	..	..	7	1	11	14	5
Female	..	..	..	4	2	17	1	22
Ph.D. 1st Year Male	..	1	..	5	1	9	8	8
Female	..	..	..	2	3	6	..	11
Ph.D. 2nd Year Male	..	..	..	3	..	19	14	8
Female	..	..	..	2	2	5	2	7
P.G. Dip. (I.H.C.) Female	..	..	..	1	..	.	..	1
P.G. Dip. (NUM.) Male	..	..	..	..	..	2	2	..
P.G. Dip. (Archi.) Male	..	..	..	1	..	.	1	..
Total	..	1	.	35	13	90	51	88

Law College

LL.B. Prev. Male	1	1	..	14	.	47	34	29
Female	..	.	..	1	.	.	1	..
.B. Final Male	3	..	..	19	.	57	47	33
Female	..	.	..	3	1	.	1	2
.M. Male	..	..	.	2	.	11	5	8
Female	..	..	..	1	.	1	1	1
earch Male	..	..	..	.	.	6	2	4
Total	4	1	..	40	1	122	91	77

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
College of Techonology								
II Yr. (Integ.) B.Pharm.	..	1	..	14	..	5	6	14
III Yr. (Integ.) B.Pharm.	..	..	..	14	..	6	2	18
IV Yr. (Integ.)B.Pharm.	..	..	..	7	..	5	4	8
M.Pharm. (Prev.)	..	..	..	9	..	2	1	10
II Yr. (Integ.) Sil. Tech.	..	..	..	22	..	6	4	24
III Yr. (Integ.)Sil. Tech.	1	..	..	18	..	2	10	11
IV Yr. (Integ.) Sil. Tech.	..	..	..	10	..	1	4	7
V Yr. (Integ.) Sil. Tech.	..	..	..	2	..	..	1	1
II Yr. (Integ.) Chem. Engg.	..	1	..	26	..	1	5	23
III Yr. (Integ.) Chem. Engg.	..	..	..	34	..	3	7	30
IV Yr. (Integ.) Chem. Engg.	..	3	..	27	..	6	6	30
V Yr. (Integ.) Chem. Engg.	2	1	1	33	..	6	7	36
M.Sc. Chem. Engg.	..	1	..	3	..	4	..	8
Research Scholars	..	..	..	..	..	4	..	4
Total	3	7	1	219	..	51	57	224

COLLEGE OF MINING & METALLURGY

Integrated Course in Min. Engg.								
2nd Yr.	..	3	..	34	..	2	16	23
3rd Yr.	..	5	..	33	..	1	18	21
4th Yr.	..	1	..	25	..	4	16	14
5th Yr.	1	2	..	28	..	2	19	14
Research	..	..	..	..	..	1	..	1
Integrated Course in Met. Engg.								
2nd Yr.	..	3	..	56	..	10	25	44
3rd Yr.	..	8	..	44	..	10	32	30
4th Yr.	..	4	..	49	..	4	12	45
5th Yr.	1	5	..	43	..	2	16	35
M.Sc. (Met. Engg.)	..	1	..	11	..	..	2	10
Research	..	..	..	7	.	4	..	11
Total	2	32	..	330	.	40	156	248

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
				ENGINEERING COLLEGE				
Integrated Course in Engg.								
2nd Yr. Male	1	14	..	327	..	23	122	243
Female	..	..	..	..	..	2	..	2
3rd Yr. Male	3	2	1	231	..	12	79	170
4th Yr. Male	1	7	..	241	..	11	86	174
5th Yr. Male	1	3	..	215	..	7	75	151
B.Sc. Engg. Pt. II (old) Male	..	..	..	12	..	..	1	11
M.Sc. Engg. Male	..	..	..	8	..	..	..	8
Research Male	..	..	..	4	..	2	..	6
Total	6	26	1	1038	..	57	363	765

COLLEGE OF AGRICULTURE

Integrated Course in Agriculture								
Part II	..	..	..	29	..	54	59	24
Part III	1	..	..	26	..	47	40	34
Part IV	1	..	..	25	..	43	46	23
M.Sc. (Ag.) Previous	1	1	..	20	..	40	51	11
Final	1	..	..	13	..	22	26	10
Research	..	..	..	13	..	20	23	10
Total	4	1	..	126	..	226	215	112

TEACHERS' TRAINING COLLEGE

B.Ed.								
Male	..	..	..	4	..	56	29	38
Female	..	..	..	10	.	55	26	32
M.Ed.								
Male	..	..	..	1	..	7	2	6
Female	..	..	..	1	..	4	1	4
Ph.D.								
Male	..	..	..	..	.	7	..	7
Female	..	..	..	..	..	2	..	2
Total	..	..	..	16	..	131	58	89

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
COLLEGE OF MUSIC & FINE ARTS								
New Dip. Course in Music								
1st Year Male	..	1	..	46	..	9	14	42
Female	..	..	..	23	..	1	6	18
2nd Year Male	..	..	..	..	..	..	..	..
Female	..	..	..	1	..	1	..	2
3rd Year Male	..	..	..	5	..	5	3	7
Female	..	..	..	5	..	5	1	9
Cert. Course in Music (old) Male	..	..	..	14	..	10	5	19
Female	..	1	..	17	..	4	3	19
Dip. in Music (Old) Male	..	..	..	1	..	2	..	3
Female	..	..	..	6	..	2	..	8
B.Mus. (New) Part I Male	..	..	..	..	..	1	..	1
Female	..	..	..	..	..	..	..	..
Part II Male	..	..	..	2	..	2	3	1
Female	..	..	..	..	..	1	1	..
B.Mus (Old) Male	..	1	..	..	..	4	2	3
Female	..	..	..	..	..	2	..	2

M.Mus (Prev.) Male	..	..	..	1	..	3	2	2
Female	..	..	..	..	..	2	..	2
(Final) Male	.	..	..	..	..	2	..	2
Female	..	..	..	1	..	..	..	1
D.Mus. (Final) Male	..	..	..	..	..	2	..	2
Female	..	..	..	..	..	..	..	..
Ph.D. (Research) 1st Year Male	..	..	..	..	..	..	..	..
Female	..	..	..	.	..	2	1	1
2nd Year Male	..	..	..	..	..	..	..	..
Female	..	..	..	..	..	2	..	2
Fine Arts Section								
New Diploma Course in Painting								
1st Year Male	..	..	..	1	..	..	1	..
Female	..	..	..	1	.	2	..	3
2nd Year Male	..	..	..	..		1	1	..
Female	..	..	..	2	..	1	..	3
3rd Year Male	..	..	.	..	.	1	..	1
Female	..	..	..	1	..	2	..	3
New Degree Course in Painting								
1st Year Male	..	..	..	.	..	.	..	..
Female	..	..	..	..	..	4	..	4
2nd Year Male	..	.	.	.	..	4	3	1
Old Diploma Course in Painting								
2nd Year Male	..	..	.	..	..	1	..	1
Female	..	..	..	..	..	..	..	..

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
COLLEGE OF MUSIC & FINE ARTS (*Contd.*)								
3rd Year Male	..	..	..	..	..	1	..	1
Female	..	..	..	..	..	..	..	4
4th Year Male	..	..	..	1	..	5	2	..
New Degree Course in Sculpture								
2nd Year Male	..	..	..	..	..	..	..	..
Female	..	..	..	1	..	..	1	..
Old Diploma Course in Sculpture								
2nd Year Male	..	..	..	..	..	1	..	1
Female	..	..	..	..	..	..	..	..
3rd Year Male	..	..	..	..	..	1	1	..
Female	..	..	..	..	..	..	..	..
Total	..	3	..	129	..	86	50	168

COLLEGE OF MEDICAL SCIENCES

1st Year M.B.B.S. Male	1	..	..	47	2	..	21	29
Female	..	..	..	8	2	..	1	9
2nd Year M.B.B.S. Male	..	..	..	21	..	..	13	8
Female	..	..	..	..	1	..	..	1
3nd Year M.B B.S. Male	..	1	..	24	..	1	8	18
Female	..	..	..	6	..	..	..	6
4th Year M.B.B.S. Male	..	3	..	34	..	..	9	28
Female	..	..	..	4	..	..	..	4
5th Year M.B.B.S. Male	..	..	..	20	..	..	6	14
Female	..	..	..	3	..	..	..	3
3rd Year A.B.M.S. Male	..	..	..	1	..	3	2	2
Female	..	..	..	..	..	..	..	..
4th Year A.B.M.S. Male	..	..	..	10	..	3	10	3
Female	..	..	..	..	..	..	..	..
5th Year A.B.M.S. Male	..	2	..	32	..	17	33	18
Female	..	.	..		.	..	..	..
M.D. (Ayurveda) Male	..	..	..	10	..	7	10	7
Female	..	..	..	1	..	..	..	1
Total	1	6	..	222	4	31	113	151

FORM B

Figures as on 31st March, 1964

Class	No. of students in Hostels				No. of students in University area	No. of days scholars	Students according to area	
	Scheduled Caste	Backward Class	Scheduled Tribe	Others			Rural	Urban
1	2	3	4	5	6	7	8	9
B.H.U. Library								
Bachelor of Library Science								
Male	..	2	..	11	..	18	14	17
Female	..	..	..	2	..	1	..	3
Total	..	2	..	13	..	19	14	20
D.A.V. Degree College								
P.U.C.	..	..	..	1	..	3	2	2
B.A. Part II	..	..	2	4	..	186	165	27
B.Com. Part II	..	..	1	4	..	103	88	20
B.A. Part III	2	..	..	6	..	145	130	23
B.Com. Part III	..	..	1	3	..	76	68	12
Total	2	..	4	18	..	513	453	84

Vasanta College for Women

B.A. Pt. II	..	..	..	7	..	43	..	50
Pt. III	..	..	..	8	..	37	..	45
Total	..	..	..	15	..	80	..	95

Arya Mahila Degree College

B.A. Part II	..	1	..	5	..	54	..	60
Part III	..	.	..	3	..	29	..	32
Total	..	1	.	8	..	83	..	92

Vasant kanya Mahavidyalaya

B.A. Part II	..	..	..	7	.	65	7	65
Part III	..	..	.	4	..	58	4	58
Total	..	..	..	11	..	123	11	123

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age													No of Married Students
	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SANSKRIT MAHAVIDYALAYA														
Madhyama														
1st Yr. Male	1	5	8	5	9	7	8	4	4	5	4	1	1	9
Fem.	...	...	...	1	...	...	...	...	...	...	...	...	...	...
2nd Yr. Male	...	2	4	3	3	6	5	...	...	1	2	...	2	8
3rd Yr. Male	...	1	1	4	...	1	2	...	2	...	...	...	3	2
Paurohitya Ratna														
1st Yr. Male	...	...	5	...	2	1	7	1	1	2	5	...	3	10
2nd Yr. Male	...	...	...	...	...	...	...	...	...	...	1	1	...	...
3rd Yr. Male	...	...	...	...	...	...	...	1	...	...	...	...	...	...

Shastri														
1st Yr. Male	...	...	1	...	...	5	5	8	2	2	3	7	12	19
2nd Yr. Male	...	...	1	3	...	1	4	6	2	3	1	2	9	14
3rd Yr. Male	...	...	...	...	...	1	1	3	2	1	...	...	5	3
Karma Kand Shastri														
1st Yr. Male	...	...	...	...	...	...	2	1	...	...	...	1	3	3
2nd Yr. Male	...	...	...	...	...	...	...	...	...	...	...	...	1	1
3rd Yr. Male	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Acharya														
1st Yr. Male	...	...	...	...	...	...	...	2	..	...	1	...	12	8
2nd Yr. Male	...	...	...	...	...	...	...	1	...	...	...	...	8	5
3rd Yr. Male	...	...	...	...	...	...	...	...	1	1	2	...	8	7
3rd Yr. Fem.	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Chakravarti (Research)														
1st Yr. Male	...	...	...	...	...	...	...	...	...	...	...	1	4	3
2nd Yr. Male	...	...	...	...	..	...	...	...	...	1	. .	...	2	3
Total	1	8	20	16	14	22	34	27	14	16	19	13	75	95

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age													No. of Married Students
	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CENTRAL HINDU COLLEGE														
P.U.C.	...	...	8	23	17	6	2	4	...	...	...	...	...	8
B.A. Part I	...	...	1	2	6	3	3	...	...	1	...	...	...	2
Part II	...	2	5	22	71	100	81	52	24	8	5	...	3	116
Part III	...	1	2	1	20	46	42	61	39	15	9	2	4	94
B.Com. Part I	...	...	...	4	8	5	4	4	2	...	...	1	...	2
Pt. II	...	...	...	4	23	27	26	11	9	5	1	...	...	20
Pt. III	...	...	...	1	9	17	28	19	13	2	4	...	...	11
M.A. (Prev.)														
Male	...	...	...	...	4	13	31	38	21	15	4	3	20	69
Female	...	...	1	2	3	9	15	21	11	1	7	1	6	10
M.A. (Final)														
Male	...	...	...	...	2	7	8	29	22	18	6	10	14	47
Female	...	...	...	...	...	4	5	18	23	10	5	3	3	11

M.Com. (Prev.)	...	...	...	1	1	6	11	9	6	3	1	...	1	12
(Final)	...	...	...	...	1	1	5	11	13	8	2	2	2	16
Ph.D.														
Male	...	...	...	...	...	...	1	...	4	7	2	1	29	30
Female	...	...	...	...	...	...	...	...	1	3	...	...	12	10
Total	...	3	17	60	165	247	262	277	188	95	46	23	94	458

CENTRAL HINDU COLLEGE, KAMACHHA

I Yr. Integ. Technology	...	...	...	...	85	118	67	30	7	2	...	...	...	1
B.Sc. Agri. Part I	...	...	...	...	6	9	14	14	1	...	...	...	...	1
I Yr. B.Pharm Male	...	...	...	...	3	1	6	3	1	.	1	...	..	...
Female	...	...	...	...	...	..	...	1	...	..	..	...	...	...
Pre-Medical Course Male	...	...	...	1	12	22	10	8	2	1	1	..	...	...
Female	...	...	...	..	8	6	3	2	..	...	...	...	...	...
Total	...	...	...	1	114	159	100	58	11	3	2	...	...	2

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age: 13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	No. of Married Students
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
College of Science														
P.U.C. Sc.														
Male	...	...	108	121	81	27	13	3	...	1	...	...	...	18
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Three Yr. Degree Course														
B.Sc. Pt. I														
Male	...	...	2	41	50	53	39	26	16	7	2	...	...	12
Female	...	...	...	...	2	1	...	...	...	...	...	...	...	...
B.Sc. Pt. II														
Male	...	1	10	27	78	81	54	32	17	7	2	...	2	35
Female	...	...	...	...	...	...	1	...	...	...	...	...	...	...
B.Sc. Pt. III														
Male	...	...	3	8	22	38	44	38	14	9	7	1	...	16
Female	...	...	...	...	1	...	...	1	...	...	...	...	...	...
M.Sc. (Prev.)														
Male	...	...	...	3	8	15	33	38	32	26	9	10	7	29

Female	...	...	...	...	...	4	3	7	5	1	1	...	3	1
M.Sc. (*Final*)														
Male	...	...	...	...	4	4	20	28	20	21	14	14	5	24
Female	...	...	...	...	...	2	4	3	6	4	3	...	3	1
Research														
Male	...	...	...	1	...	2	1	17	25	27	25	18	52	52
Female	...	...	...	...	...	...	2	1	5	...	5	3	7	1
Spectroscopy Diploma														
Male	...	...	...	...	...	...	1	1	1	2	...	1	1	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	...	1	123	201	246	227	215	195	141	105	68	47	80	189

WOMEN'S COLLEGE

P.U.C. Arts	...	2	23	17	10	2	4	...	...	...	...	..	...	2
P.U.C. Sc.	...	...	21	14	10	3	2	...	1	..	...	...	...	...
B.Sc. Pt. I	...	...	...	2	7	...	1	2	...	...	...	...	...	...
B Sc. Pt. II	...	...	2	1	8	8	9	6	1	1	...	...	...	1
B.Sc. Pt. III	...	...	...	...	4	6	6	4	...	2	1	....	...	...
B.A. Pt. I	...	...	...	14	11	12	1	1	..	...	.	...	...	...
B.A. Pt. II	...	...	3	2	9	25	31	11	6	4	1	1	1	6
B.A. Pt. III	...	...	2	8	27	34	12	9	4	5	1	1	2	7
Total	...	2	51	58	86	90	69	33	12	12	3	2	3	16

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age													No. of Married Students
	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
						COLLEGE OF INDOLOGY								
M.A. Prev.														
Male	...	...	...	...	1	2	1	...	1	1	1	1	3	3
Female	...	...	...	1	...	2	6	4	8	1	...	1	1	3
M.A. Final														
Male	...	...	...	...	...	...	2	4	3	...	4	...	6	2
Female	...	...	...	...	...	...	1	8	4	3	3	2	2	3
Ph.D. I Yr.														
Male	...	...	...	...	...	...	1	1	3	...	1	3	7	12
Female	...	...	...	...	...	...	1	2	...	1	2	1	4	2
Ph.D. II Yr.														
Male	...	...	...	...	...	...	...	...	1	1	1	4	15	13
Female	...	...	...	...	...	...	...	...	...	4	2	1	2	3
P.G. Dip. (I.H.C)														
Female	...	...	...	...	...	...	...	...	...	...	1	...	...	...

P. G. Dip. (NUM.)														
Male	...	...	...	...	...	...	...	...	...	...	...	1	1	1
P.G. Dip. (Arch.)														
Male	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Total	...	...	...	1	1	4	12	19	20	11	15	14	42	43

LAW COLLEGE

LL.B. Prev.														
Male	...	...	...	...	...	3	7	8	17	8	9	5	6	27
Female	...	...	...	...	...	...	..	...	...	1	...	...	...	...
LL.B. Final														
Male	...	...	...	...	...	...	2	6	18	16	14	6	18	41
Female	...	...	...	...	...	...	...	2	..	..	...	..	1	...
LL.M.														
Male	...	...	...	...	...	...	...	...	1	4	1	1	6	3
Female	...	...	...	...	...	...	...	..	..	1	...	...	1	1
Research														
Male	...	...	...	...	...	..	...	..	..	...	..	1	5	5
Total	...	...	...	...	...	3	9	16	36	30	21	13	37	77

3rd Yr. do	...	...	...	...	...	2	4	6	9	...	...	...	...	...
4th Yr. do	...	...	...	...	...	...	1	6	4	...	...	...	...	...
5th Yr. do	...	...	...	...	...	...	...	...	...	...	...	...	2	...
2nd Yr. (Integ) Chem. Engg.	...	...	...	...	6	7	13	...	2	...	...	...	...	...
3rd Yr. do	...	...	...	...	...	15	6	8	6	2	...	...	...	...
4th Yr. do	...	...	...	...	...	...	2	12	10	7	3	1	1	1
5th Yr. do	...	...	...	...	...	...	...	4	13	7	8	7	4	...
M.Sc. Chem. Engg.	..	..	...	...	...	...	...	...	1	1	2	2	2	2
Research	...	...	...	..	...	...	...	...	..	...	...	...	4	...
Total	...	...	...	..	17	45	44	47	63	21	19	12	13	4

5th Yr. Int. Met. Engg.	...	...	...	...	...	...	...	13	12	13	8	4	1	1
M.Sc. (Met. Engg.)	...	...	...	...	...	...	2	3	1	..	1	2	...	...
Ph.D. in Met. Engg.	...	...	...	...	...	...	...	1	2	1	...	1	6	5
Ph D. in Min. Engg.	...	...	...	...	...	...	...	...	.	...	...	...	1	1
Total	...	...	...	...	27	66	100	61	68	42	17	11	9	18

ENGINEERING COLLEGE

2nd Yr. Int.														
Male	...	...	...	...	67	115	81	49	32	18	3	..	...	3
Female	...	...	...	...	..	1	1	...	..			.	..	...
3rd Yr. Int.	...	...	...	...	...	57	84	61	33	12	1	1	..	8
1th Yr. Int.	...	...	...	...	..	...	13	81	83	37	10	2	1	3
›th Yr. Int.	...	...	...	...	...	.	.	23	72	52	11	34	1	2
B.Sc. Engg. Pt. II (old)	...	...	...	..	...	..	...	...	.	.	1	7	1	3
.Sc. (Engg.)	...	...	...	...	...	..	..	.	1	1	1	2	...	...
›esearch	...	...	...	..	...	..	..	..	..	..	..	2	1	...
Total	...	...	...	..	67	173	209	217	221	123	57	18	13	19

M.Ed.														
Male	...	...	...	...	...	...	...	...	1	2	1	2	2	4
Female	...	...	...	...	...	...	...	...	1	1	...	1	2	3
Ph.D.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	7	7
Female	...	...	...	...	...	...	...	...	...	...	...	...	2	2
Total	...	...	...	...	...	...	3	3	15	35	23	26	42	78

College of Musio and Fine Arts

New Diploma Course in Mus.														
1st Yr. Male	...	...	1	1	7	7	9	13	13	2	...	...	3	10
Female	...	1	1	5	5	5	1	3	...	...	...	1	2	1
2nd Yr. Male	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Feml.	...	...	...	...	..	1	...	...	...	..	...	...	1	...
3rd Yr. Male	...	...	...	...	...	...	...	3	3	...	...	...	4	4
Feml.	...	2	...	1	...	3	1	..	1	.	...	...	2	1
Cert. Course (Old) 2nd Yr.														
Male	3	...	1	...	...	2	4	2	3	2	3	1	3	3
Female	2	...	1	2	3	4	1	2	2	3	1	...	1	2
Dip. in Music (Old IV Yr.)														
Male	...	...	...	...	...	...	...	1	...	1	...	...	1	...
Female	...	...	...	1	...	...	3	2	...	...	...	2	...	...

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age													No. of Married Students
	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
COLLEGE OF MUSIC AND FINE ARTS (*Contd.*)														
B.Mus. (New) Pt. I														
Male	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pt. II														
Male	...	...	...	...	...	...	...	2	1	...	1	...	...	1
Female	...	...	...	...	...	...	1	...	...	...	...	...	...	1
B.Mus. (Old)														
Male	...	...	...	...	...	...	...	1	...	...	1	...	3	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	2	...
M.Mus. (Prev.)														
Male	...	...	...	...	...	...	...	1	...	...	...	2	1	1
Female	...	...	...	...	...	...	...	...	...	1	...	...	1	1
M.Mus. (Final)														
Male	...	...	...	...	...	...	1	...	...	...	...	1	...	1
Female	...	...	...	...	...	...	...	...	...	...	...	...	1	...

Male	...	...	...	...	...									
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Research	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	1	2
Fine Arts :														
Dip. Course (New)														
Painting														
1st Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Female	...	...	...	...	...	1	...	2	...	...	...	...	...	...
2nd Yr.														
Male	...	...	...	1	...	...	...	...	...	...	...	...	...	1
Female	...	...	...	...	...	1	1	...	...	...	...	...	1	...
3rd Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Female	...	...	...	1	...	...	...	...	...	...	...	...	2	1
Deg. Course (New)														
Painting														
1st Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	1	...		...	2				1	1
2nd Yr.														
Male	...	...	...	...	...	...	...	1	...	...	...	1	2	3
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age													No. of Married Students
	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
College of Music and Fine Arts (*Contd.*)														
Dip. Course (Old)														
Painting														
2nd Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3rd Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4th Yr.														
Male	...	...	...	...	1	...	...	1	...	1	2	...	1	3
Female	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Deg. Course (New)														
Sculpture														
2nd Yr.														
Male	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Female	...	...	...	...	...	...	...	...	...	...	1	...	...	1

	[illegible]	..	..	...	...	...	..	..	...	..	..	...	1	...
Female	...	..	...	..	..	..	...	.	...		..	...	..	...
3rd Yr.														
Male	...	...	..	...	...	...	...	...	...	.	1	...	...	...
Total	6	3	4	12	17	21	22	31	25	10	12	9	41	42

COLLEGE OF MEDICAL SCIENCES

M.B.B.S.														
1st Yr.														
Male	...	...	...	...	9	11	14	7	7	1	1	..	..	4
Female	...	...	...	...	3	5	1		1	.		...		..
2nd Yr.														
Male	...	..	..	..	..	1	4	4	6	2	3	.	1	.
Female	...	...	..	...	...	.		1	..					...
3rd Yr.														
Male	.	.	...	...	.	1	11	5	6	1	2	.	..	..
Female	...	..	..	..	.	1	3		1		1	.	...	...
th Yr.														
Male	...	..	.	..	.		6	7	14	5	5	.	...	...
Female	...	.	.	..		.	1	.	1	..	1	1	.	..
th Yr.														
Male	...	...	...	...	...	..	...	2	5	5	4	...	4	2
Female	...	...	...	..	...	...	...	1	1	...	...	...	1	1

FORM C

Figures as on 31st March, 1964

Name of the Course	Number of students according to age: 13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	Over 25	No. of Married Students
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
						COLLEGE OF MEDICAT SCIENCES (*Contd.*)								
A.B.M.S.														
3rd Yr.														
Male	...	...	...	...	...	...	...	...	...	1	1	1	1	2
4th Yr.														
Male	...	...	...	...	...	...	...	2	...	3	1	1	6	5
5th Yr.														
Male	...	...	...	...	...	...	...	4	3	6	10	8	20	12
M.D. (Ayur.)														
Male	...	...	...	...	...	...	...	...	...	...	...	2	15	11
Female	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Total	...	...	...	...	12	19	40	33	45	24	29	14	48	37
						B.H.U. LIBRARY								
Bachelor of Lib. Science														
Male	...	...	...	...	...	...	...	1	1	1	3	4	21	19
Female	...	...	...	...	...	...	...	1	1	1	...	...	...	...
Total	...	...	...	...	...	...	...	2	2	2	3	4	21	19

DAYANANDA MAHAVIDYALAYA

P.U.C.	...	...	..	1	1	2	...	...	...	...	...	...	...	2
B.A. Pt. II	...	..	...	...	1	15	20	60	37	37	22	...	...	95
Pt. III	...	...	..	..	5	10	12	50	29	29	18	...	...	82
B.Com. Pt. II	..	..	.	1	6	27	21	27	19	7	...	.	...	10
Pt. III	..	.		..	1	7	20	27	20	4	1	.	...	28
Total	...	..	..	2	14	61	73	164	105	77	41	.	..	247

VASANTA COLLEGE FOR WOMEN

B.A. Pt. II	...	..	..	9	18	15	6			.	..	..	2	...
Pt. III	...	...	..	...	2	18	22	2	.			.	1	3
Total	..	..		9	20	33	28	2	..	.		.	3	3

ARYA MAHILA DEGREE COLLEGE

B.A. Pt. II	...	...	3	...	25		18		11	3		.		10
Pt. III	..	...	..	1	10	10	8				..	.		8
Total	..		3	1	35	10	26		11	3			..	18

VASANT KANYA MAHAVIDYALAYA

B.A. Pt. II	...	...	.	..	2	10	30	20	5	5	..	.	.	11
Pt. III	...	.	.		2	5	20	25	5	5	.	.		10
Total	...	...	.	..	4	15	50	45	10	10	...	...	...	21

FORM

SANSKRIT

Statement showing distribution of students

	Madhyama 1st Yr. (Male)	Madhyama 1st Yr. (Female)	Madhyama 2nd Yr.	Madhyama 3rd Yr.	Paurohitya-Ratna 1st Yr.	Paurohitya-Ratna 2nd Yr.	Paurohitya-Ratna 3rd Yr.	Shastri 1st Yr.	Shastri 2nd Yr.
Andhra Pradesh	...	...	...	...	...	...	...	...	...
Assam	2	...	...	...	...	...	...	...	...
Bihar	19	...	8	2	11	1	...	14	10
Punjab	1	...	1	...	...	...	...	...	1
Kerala	...	...	...	...	...	...	...	...	...
Madhya Pradesh	5	...	2	...	3	...	...	4	3
Maharashtra	...	...	...	...	...	...	...	...	...
Madras	...	...	...	...	...	...	...	...	...
Mysore	2	...	...	1	...	...	...	5	...
Rajasthan	...	...	...	2	...	...	...	1	1
Saurashtra	...	...	1	1	...	...	...	1	...
Utkal	...	...	...	...	...	...	...	...	1
Uttar Pradesh	20	...	10	5	13	1	1	19	14
West Bengal	...	...	...	...	...	...	...	...	...
Jammu & Kashmir	...	...	1	...	...	...	...	...	...
East Bengal (Pakistan)	...	...	...	...	...	...	...	...	...
Nepal	13	1	5	3	...	...	...	1	2
	62	1	28	14	27	2	1	45	32

D

Mahavidyalaya

according to States during the year 1964

Shastri 3rd Yr.	Karma-Kand Shastri 1st Yr.	Karma-Kand Shastri 2nd Yr.	Karma-Kand Shastri 3rd Yr.	Acharya 1st Yr.	Acharya 2nd Yr.	Acharya 3rd Yr. (Male)	Acharya 3rd yr. (Female)	Chakravarti (Research) 1st Yr.	Chakravarti (Research) 2nd Yr.	Total
...	...	...	...	...	..	...	...	...	..	...
...	...	..	...	...	1	...	...	..	.	3
5	1	..	..	6	2	7	...	..	1	87
1	...	...	...	..	...	...	...	..	.	4
...	...	...	...	1	..	...	...	..	.	1
...	3	1	...	1	...	...	...	...	.	22
...	..	...	...	.	...	..	...	...	..	..
...	...	...	...	..	..	..	...	..	.	...
1	...	...	...	...	..	1	...	1		11
...	...	...	..	...	..	...	...	...	..	4
1	...	...	...	1	...	...	...	..	..	5
...	...	...	...	...	...	2	...	...	.	3
5	3	...	1	6	5	2	1	4	2	112
...	...	...	...	...	...	...	...	...	.	...
...	...	.	...	...	...	...	...	...	...	1
...	...	...	...	...	1	...	...	...	...	1
...	...	...	...	...	...	...	...	...	...	25
13	7	1	1	15	9	12	1	5	3	279

FORM

CENTRAL HINDU

Statement showing distribution of students

	Pre University Course in Arts	Three Yr. Degree Course in Arts			Three Yr. Degree Course in Com.		
		1st Yr.	2nd Yr.	3rd Yr.	1st Yr.	2nd Yr.	3rd Yr.
Andhra Pradesh	...	...	...	2	...	...	...
Assam	3	2	...	...	...	...	1
Bihar	12	5	31	21	7	5	1
Centrally Administered States	...	...	...	...	...	1	...
Jammu & Kashmir	...	...	...	...	...	...	...
Kerala	...	...	...	...	...	1	1
Madhya Pradesh	1	2	1	2	3	1	3
Madras	1	...	...	1	...	...	1
Maharashtra	...	...	2	...	1	1	...
Mysore	...	...	...	1	...	...	...
Orissa	...	...	...	...	...	...	1
Punjab	1	...	1	...	...	1	...
Rajasthan	1	...	...	1	3	2	...
Saurashtra	1	...	...	...	...	...	1
Uttar Pradesh	38	4	332	210	13	92	83
West Bengal	2	1	2	2	...	1	1
Ceylon	...	...	...	...	...	...	...
Laos	...	...	...	...	...	...	...
Mauritius	...	1	...	...	...	...	...
Nepal	...	...	3	2	...	1	...
S. Africa	...	...	1	...	...	...	...
Thailand	...	1	...	...	1	...	...
Total	60	16	373	242	28	106	93

D

COLLFGE

according to States during the year 1964

M.A. (Prev.) Male	M.A.(Prev.) Female	M.A. (Final) Male	M.A.(Final) Female	M.Com (Prev.)	M Com. (Final)	Research Male	Research Female	Total
3	1	4	3	1	1	1	..	16
1	...	3	...	..	..	..	..	10
19	6	9	7	2	3	3	.	131
1	...	..	1	...	.	1	1	5
1	1	...	..	...	..	..	1	3
...	...	1	...	...	1	1	..	5
1	3	1	...	...	..	..	.	18
1	1	1	2	1	...	...	..	9
...	1	1	1	...	..	.	..	7
1	...	1	...	...	1	..	...	4
...	2	...	1	1	1	..	..	6
1	...	..	1	2	...	..	...	7
...	...	...	..	...	..	...	...	7
...	...	1	1	...	...	...	...	4
107	60	91	52	30	41	38	14	1208
1	1	...	...	1	...	...	...	12
1	...	...	...	...	...	...	...	1
1	...	...	...	...	...	...	...	1
...	...	..	...	...	...	...	...	1
2	1	...	2	...	..	...	...	11
...	...	...	...	...	...	...	...	1
8	...	...	...	...	..	...	...	10
149	77	116	71	38	48	44	16	1477

FORM

COLLEGE OF

Statement showing distribution of students

	P.U.C. Science	Three Year 1st Yr. Male	Three Year 1st Yr. Female	Three Year 2nd Yr. Male	Three Year 2nd Yr. Female
Andhra	1	2	...	1	...
Assam	2	2	...	1	...
Bihar	38	37	...	12	...
Centrally Administered States	1	...	...	...	...
Jammu & Kashmir	1	...	...	1	...
Kerala	3	...	...	3	1
Madhya Pradesh	...	4	...	...	...
Madras	2	...	...	...	...
Maharashtra	2	3	...	3	...
Mysore	2	4	...	...	...
Orissa	2	2	...	...	...
Punjab	8	6	...	1	...
Rajasthan	3	...	...	...	...
Uttar Pradesh	276	163	2	284	...
West Bengal	5	11	1	1	...
Nepal	6	...	...	4	...
Thailand	...	1	...	...	...
Saurashtra	2	1	...	...	...
Total	354	236	3	311	1

SCIENCE

according to States during the year 1964

Degree Course									
3rd Yr.		M.Sc. (Prev.)		M.Sc. (Final)		Spect	Research		Total
Male	Female	Male	Female	Male	Female	Male	Male	Female	
1	...	30	3	16	3		16	2	75
...	...	2	1				1		9
4	..	4	3	5	.		9		112
2*	...	3	.	2			1		9
...	...	2	1	3	..	1	1		10
...	..	6	3	8	4		2	4	34
...	..	1	.	1			3		9
...	...	...	1	1			1		5
1	..	. .	1	. .	..		2	1	13
...	..	3		3	1		3		16
...	...	4	..	4	1		3		15
...	...	2	..	4	2		5	2	30
1	...	...	. .	2		.	3		9
173	2	116	8	78	14	6	110	10	1242
1	. .	7	3	2	. .		8	4	43
1	...	1	. .	..			1		13
...	...	...	...	...	..	.			1
...	...	..	...	1	...	..			4
184	2	181	24	130	25	7	168	23	1619

FORM D

Central Hindu College (Kamachha)

Statement showing distribution of students according to States during the year 1964

	1st Yr. Integ. Course in Technology	B.Sc. Agric. Part I	1st Yr. B.Pharm.	Pre Medicine	Total
Andhra Pradesh	12	29	...	14	55
Assam	18	...	...	...	18
Bihar	27	7	1	5	40
Jammu & Kashmir	7	...	...	...	7
Kerala	13	...	...	12	25
Madhya Pradesh	12	...	...	...	12
Madras	9	1	1	...	11
Mysore	10	...	1	1	12
Orissa	6	...	...	...	6
Punjab	30	...	...	...	30
Rajasthan	10	...	...	1	11
Saurashtra	4	...	...	1	5
Uttar Pradesh	98	5	11	35	149
West Bengal	28	2	3	...	33
Africa	2	...	...	...	2
Nepal	1	...	...	...	1
Thailand	2	...	2	3	7
Centrally Administered States	10	...	...	1	11
Maharashtra	10	...	...	3	13
Total	309	44	19	76	448

FORM D

Women's College

Statement showing distribution of students according to States during the, year 1964

	P.U.C. Arts	P.U.C. Sc.	3 Yr. Degree Co rse B.Sc. Part I	B.Sc. Part II	B.Sc. Pa t III	3 Yr. Degree Course B.A. Part I	B.A. Part II	B.A. Part III	To al
Andhra Pradesh	...	1	.	1	...	..	1	..	3
Assam	...	...	1			.		.	1
Bihar	10	7	1	1	1	8	8	3	39
Himachal Pradesh	...	1	...	.	.	.		..	1
Jammu & Kashmir	1	.	.		...			2	3
Kerala	.	1	.	..		.	.		1
Madhya Pradesh	1	.	2	.		2		4	9
Madras	.					1	1	..	2
Maharashtra	1	1	.			1	1		4
Mysore	1			1		2	1	2	7
Punjab	5	3		..		2	.	2	12
Delhi	..	.	...	..	...	1	.	..	1
Rajasthan	..		1	1		1	1		4
Saurashtra		2		1					3
Uttar Pradesh	37	31	6	31	21	18	80	86	310
West Bengal	2	3	1		1	2	3	5	17
Nepal		1	.			1	1	1	4
Total	58	51	12	36	23	39	97	105	421

FORM D

College of Indology

Statement showing distribution of students according to States during the the year 1964

	M.A. (Prev.)		M.A. (Final)		Ph.D. I Yr.		Ph.D. II Yr.		P. G. Dip. (I. H. C.) Female	P. G. Dip. (N.U.M.) Male	P. G. Dip. (Arch.) Mela	Total
	Male	Female	Male	Female	Male	Female	Male	Female				
Andhra Pradesh	...	...	...	...	...	...	...	...	...	...	...	...
Assam	...	...	2	...	...	1	...	...	...	...	...	3
Bihar	...	2	1	...	2	...	2	1	...	...	...	8
Delhi State	...	...	...	1	...	...	...	...	...	...	...	1
Kerala	...	...	...	...	1	...	...	...	...	...	...	1
Madhya Pradesh	...	...	1	...	...	...	1	...	...	...	...	2
Maharashtra	...	...	...	...	...	...	...	1	...	...	...	1
Mysore	1	...	...	...	...	...	1	...	...	...	...	2
Rajasthan	...	...	...	...	1	...	1	...	...	...	...	2
Saurashtra	...	...	1	...	...	...	...	...	...	...	...	1
Uttar Pradesh	5	20	11	22	10	9	14	6	...	2	1	100
West Bengal	...	...	1	...	...	...	...	...	...	...	...	1
Belgium	...	...	...	...	1	...	...	...	...	...	...	1
Burma	...	...	1	...	...	...	...	...	...	...	...	1

Cambodia	...	...	1	...	...	...	...	...	...	...	...	1
Ceylon	1	...	...	...	...	...	...	...	...	...	...	1
Holland	...	...	...	...	...	...	...	...	1	...	...	1
Japan	...	...	...	...	...	...	2	..	...	...	...	2
Nepal	2	1	...	...	...	1	1	..	...	...	...	5
Newzealand	...	...	...	...	1	...	...	...	...	...	...	1
Thailand	1	...	...	...	...	...	...	...	.	...	...	1
U.K.	1	1	...	...	. .	...	...	...	. .	.	...	2
Indonesia	...	...	...	...	...	...	...	1	...	...	...	1
Total	11	21	19	23	16	11	22	9	1	2	1	139

FORM D

College of Technology

Statement showing distribution of students according to States during the year 1964

	Integ. Course in B.Pharm.			M.Pharm (Pre.)	Integ. Course Silicate Technology				Integ. Course in Chem. Engg.				M.Sc. Chem. Engg. (Prev.)	Research	Total
	2nd Yr.	3rd Yr.	4th Yr.		2nd Yr.	3rd. Yr.	4th Yr.	5th Yr.	2nd Yr.	3rd Yr.	4th Yr.	5th Yr.			
Andhra Pradesh	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2
Assam	...	...	...	1	...	...	1	...	...	...	...	1	...	...	3
Bihar	3	5	...	...	3	3	...	1	3	2	1	...	...	...	21
Centrally Administered States	...	...	1	2	...	...	...	1	...	...	2	3	1	...	10
Jammu & Kashmir	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Kerala	...	1	1	...	...	...	...	...	...	1	1	...	...	...	4
Madhya Pradesh	...	...	...	...	2	...	...	...	2	...	1	1	...	...	6

Madras	1	...	...	1	...	...	...	...	...	1	1	1	...	...	5
Maharashtra	1	2	1	1	...	1	1	...	...	4	2	4	...	...	17
Mysore	1	...	1	...	...	...	...	...	...	...	...	...	...	...	2
Orissa	...	...	...	...	...	...	...	...	...	2	...	...	...	...	2
Punjab	...	...	...	1	2	1	...	...	...	1	1	1	...	...	7
Rajasthan	3	...	1	1	1	...	...	...	1	1	...	...	...	...	8
Uttar Pradesh	10	10	6	3	18	14	9	...	21	21	26	30	6	4	178
West Bengal	..	2	...	1	2	1	...	...	1	2	...	1	1	...	11
Saurashtra	...	...	...	...	..	...	...	...	...	1	...	1	..	..	2
Africa	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1
Thailand	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Total	20	20	12	11	28	21	11	2	28	37	36	43	8	4	281

FORM D

College of Mining & Metallurgy

Statement showing distribution of students according to States during the year 1964

	2nd Yr. Integ. Min. Engg.	2nd Yr. Integ. Met. Engg.	3rd Yr. Integ. Min. Engg.	3rd Yr. Integ. Met. Engg.	4th Yr. Integ. Min. Engg.	4th Yr. Integ. Met. Engg.	5th Yr. Integ. Min. Engg.	5th Yr. Integ. Met. Engg.	M.Sc. (Met. Engg.)	Ph.D. in Met. Engg.	Ph.D. in Min. Engg.	Total
Andhra Pradesh	6	4	1	4	...	4	1	...	5	4	...	29
Assam	...	1	...	1	1	...	1	2	...	...	...	6
Bihar	4	7	8	3	3	1	3	3	...	...	...	32
Centrally Administered States	2	3	1	3	2	6	3	2	1	...	...	23
Jammu & Kashmir	2	1	3	2	...	2	2	2	...	...	...	14
Kerala	1	4	...	...	...	3	1	...	1	...	...	10
Madhya Pradesh	3	3	...	2	1	1	...	1	1	1	...	13
Madras	...	2	...	1	...	1	...	1	1	...	...	6
Maharashtra	2	1	...	3	...	2	...	1	...	...	...	9
Mysore	...	4	...	1	1	3	1	3	...	...	...	13
Orissa	2	3	2	5	...	4	...	6	...	...	...	22

Punjab	3	5	2	3	1	2	4	6	...	1	...	27
Rajasthan	1	...	2	...	...	1	2	...	1	...	...	7
Saurashtra	1	1	...	1	3	...	...	...	...	...	...	6
Uttar Pradesh	9	18	14	21	18	26	13	19	1	5	1	148
West Bengal	3	12	5	9	...	1	2	3	1	...	...	36
Malaya	...	...	...	...	...	...	...	1	. .	...	...	1
Nepal	...	...	1	...	...	...	...	1	...	...	...	2
Total	39	69	39	62	30	57	33	51	12	11	1	404

FORM D

ENGINEERING COLLEGE

Statement showing distribution of students according to States during the year 1964

	Integrated Course in Engg.								
	2nd Yr. Male	2nd Yr. Female.	3rd Yr.	4th Yr.	5th Yr.	B.Sc. Engg. Part II (old)	M.Sc. (Engg.)	Research	Total
Andhra Pradesh	8	...	3	4	8	...	2	...	25
Assam	9	...	9	7	7	2	...	...	34
Bihar	25	...	18	9	5	1	...	...	58
Centrally Administered States	36	...	16	30	9	...	...	...	91
Jammu & Kashmir	9	...	4	11	2	...	...	...	26
Kerala	7	...	...	2	4	...	...	...	13
Madhya Pradesh	18	...	12	7	14	...	1	...	52
Madras	10	...	4	5	2	1	1	...	23
Maharashtra	11	...	11	13	17	2	...	...	54
Mysore	5	...	8	4	11	...	...	...	28
Orissa	13	...	7	8	4	1	1	...	34

Punjab	37	...	21	21	32	...	...	...	111
Rajasthan	9	...	12	11	10	1	1	...	41
Saurashtra	5	...	3	1	...	...	...	...	9
Uttar Pradesh	121	2	91	91	80	2	2	6	395
West Bengal	10	...	25	36	20	2	...	...	123
Mauritius	...	...	1	...	...	...	...	...	1
Nepal	1	...	...	...	...	...	...	...	1
Others	1	...	1	..	1	...	...	..	3
Total	365	2	219	260	266	12	8	6	1128

FORM D

LAW COLLEGE

Statement showing distribution of students according to States to during the year 1964

	LL.B. (Previous)		LL.B (Final)		LL.M.		Research	Total
	Male	Female	Male	Female	Male	Female	Male	
Andhra Pradesh	1	...	...	...	1	...	...	2
Assam	...	...	1	...	...	...	...	1
Bihar	2	...	5	...	...	...	...	7
Centrally Administered States.	...	...	...	...	...	...	...	...
Jammu & Kashmir	...	...	...	...	...	...	...	...
Kerala	1	...	...	1	1	...	...	3
Madhya Pradesh	2	...	...	...	...	...	...	2
Uttar Pradesh	55	...	71	2	11	2	6	147
Madras	...	...	...	...	...	...	...	...
Maharashtra	...	...	...	...	...	...	...	...
Mysore	...	...	1	...	...	...	...	1
Orissa	...	...	...	...	...	...	...	...
Punjab	...	...	1	...	...	...	...	1
Rajasthan	...	...	...	...	...	...	...	...
Saurashtra	...	...	1	...	...	...	...	1
West Bengal	2	...	...	...	...	...	...	2
Nepal	...	1	...	...	...	...	...	1
Total	63	1	80	3	13	2	6	168

FORM D

College of Agriculture

Statement showing distribution of students according to States during the year 1964

	2nd Yr. Integ. Course in Agric.	3rd Yr. Integ. Course in Agric.	4th Yr. Integ. Course in Agric.	M.Sc. (Ag.) Prev.	M.Sc. (Ag.) Final	Research	Total
Andhra Pradesh	11	16	4	..	.	.	31
Assam	..	..	...	..	..	1	1
Bihar	3	3	8	1	3	.	18
Centrally Administered States	...	1	...	1			2
Jammu & Kashmir	...	...	...	1		1	2
Madhya Pradesh	1	...	...	...	.	1	2
Madras	...	1	1	...	2		4
Maharashtra	...	...	...	...		2	2
Punjab	...	1	1	...			2
Uttar Pradesh	60	50	52	58	31	24	275
West Bengal	8	2	3	1	..	4	18
Total	83	74	69	62	36	33	357

FORM D

Teacher's Training College

Statement showing distribution of students according to States during the year 1964

	B.Ed.		M.Ed.		Research		Total
	Male	Female	Male	Female	Male	Female	
Bihar	4	2	...	...	...	...	6
Orissa	1	...	...	...	...	...	1
Uttar Pradesh	60	58	8	4	7	2	139
Nepal	...	...	...	1	...	...	1
Total	65	60	8	5	7	2	. .

FORM D

College of Medical Sciences

Statment showing distribution of students according to States during the year 1964

	M. B. B. S.										A. B. M. S.			M.D. Ayurveda		
	1st Yr.		2nd Yr.		3rd Yr.		4th Yr.		5th Yr.							
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	3rd Yr. Male	4th Yr. Male	5th Yr. Male	Male	Female	Total
Andhra Pradesh	2	...	2	...	1	...	...	...	...	...	...	...	1	1	...	7
Bihar	1	...	2	...	...	...	...	...	1	...	1	2	3	1	...	11
Centrally Administered States	3	...	...	...	4	...	5	2	2	...	...	...	...	1	...	17
Jammu & Kashmir	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Kerala	6	...	1	...	3	...	3	...	...	...	...	...	...	3	...	16
Madhya Pradesh	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Maharashtra	...	...	...	...	...	...	3	...	1	...	...	...	1	...	...	5
Mysore	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
Madras	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Punjab	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Rajasthan	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Uttar Pradesh	35	9	15	1	16	6	24	2	16	3	3	11	42	8	1	192
West Bengal	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Others	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	4
Africa	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	50	10	21	1	26	6	37	4	20	3	4	13	51	17	1	264

FORM D

College of Medical Sciences

Statment showing distribution of students according to States during the year 1964

	M. B. B. S.										A. B. M. S.			M.D. Ayurveda		
	1st Yr.		2nd Yr.		3rd Yr.		4th Yr.		5th Yr.							
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	3rd Yr. Male	4th Yr. Male	5th Yr. Male	Male	Female	Total
Andhra Pradesh	2	...	2	...	1	...	...	...	...	...	...	...	1	1	...	7
Bihar	1	...	2	...	...	...	...	...	1	...	1	2	3	1	...	11
Centrally Administered States	3	...	...	...	4	...	5	2	2	...	...	...	...	1	...	17
Jammu & Kashmir	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
Kerala	6	...	1	...	3	...	3	...	...	...	...	...	...	3	...	16
Madhya Pradesh	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
Maharashtra	...	...	...	...	...	...	3	...	1	...	...	...	1	...	...	5
Mysore	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
Madras	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Punjab	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
Rajasthan	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Uttar Pradesh	35	9	15	1	16	6	21	2	16	3	3	11	42	8	1	192
West Bengal	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	2
Others	1	...	...	...	...	...	...	...	...	...	...	...	3	...	...	4
Africa	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
	50	10	21	1	26	6	37	4	20	3	4	13	51	17	1	264

FORM D

College of Medical Sciences

Statment showing distribution of students according to States during the year 1961

	M. B. B. S.										A. B. M. S.			M.D. Ayurveda		
	1st Yr.		2nd Yr.		3rd Yr.		4th Yr.		5th Yr.		3rd Yr.	4th Yr.	5th Yr.			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Male	Male	Male	Female	Total
desh	2	...	2	...	1	...	...	...	...	...	...	...	1	1	...	7
	1	...	2	...	...	...	...	...	1	...	1	2	3	1	...	11
Administered States	3	...	...	...	4	...	5	2	2	...	...	...	...	1	...	17
mu & Kashmir	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
rala	6	...	1	...	3	...	3	...	...	...	...	...	...	3	...	16
va Pradesh	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1
htra	...	...	...	...	...	...	3	...	1	...	...	...	1	...	...	5
	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2
	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	2
	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2
	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
	[illegible]	[illegible]	17	1	12	[illegible]	24	[illegible]	16	[illegible]	3	11	[illegible]	8	1	192

FORM D

B.H.U. Library

Statement showing distribution of students according to States during the year 1964

	Bachelor of Library Science		Total
	Male	Female	
Assam	2	...	2
Bihar	5	...	5
Centrally Administered States	1	. .	1
Jammu & Kashmir	...	1	1
Madhya Pradesh	1	..	1
Uttar Pradesh	19	2	21
Punjab	3	...	3
Total	31	3	34

FORM D

D.A.V. College

Statement showing distribution of students according to States during the year 1964

	P.U.C.	Three Year Degree Course				Total
		B.A. Part II	B.Com. Part II	B.A. Part III	B.Com. Part III	
Andhra Pradesh	...	1	..	..		1
Bihar	...	25	3	20	2	50
Maharashtra	...	...	..	1	2	3
Mysore	...	...	...	1	...	1
Rajasthan	...	1	1	. .	...	2
Saurashtra	...	..	.	...	1	1
Uttar Pradesh	4	160	104	131	75	474
Bhutan	...	1	...	...	...	1
Nepal	...	4	...	...	..	4
Total	4	192	108	153	80	537

FORM D

VASANTA COLLEGE FOR WOMEN

Statement showing distribution of students according to States during the year 1964

	Three Year Degree Course		Total
	B.A. Part II	B.A. Part III	
Bihar	2	1	3
Kerala	1	...	1
Mysore	1	...	1
Uttar Pradesh	46	44	90
Total	50	45	95

FORM D

ARYA MAHILA DEGREE COLLEGE

Statement showing distribution of students according to States during the year 1964

	Three Year Degree Course		Total
	B.A. Part II	B.A. Part III	
Assam	1	...	1
Bihar	4	2	6
Orissa	1	...	1
Uttar Pradesh	54	30	84
Total	60	32	92

FORM D

Vasant Kanya Mahavidyalaya

Statement showing distribution of students according to States during the year 1964

	Three Year Degree Course		Total
	B.A. Part II	B.A. Part III	
Bihar	2	4	6
Uttar Pradesh	70	58	128
Total	72	62	134

FORM E

SANSKRIT MAHAVIDYALAYA

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1961

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	...	...	...	...	...	...	...
2. State Government	...	...	...	...	...	...	...	...
3. Institution itself	179	...	17,644	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	179	...	17,644	...	...	...	...	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	...	..	..	..	...	..		...
Half-free studentships	...	...	.	...	...	.	..	...
Other financial concessions (such as Students' Welfare Fund)	...	...	.	.		.	..	...
	...	..	..	..	..	.	.	...
Total ...	...	..	.	..	..	..	..	...

FORM E

Central Hindu College

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

1	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5. — No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	98	6	64,662.00	7,697.00	85	1	43,224.00	420.00
2. State Government	19	...	10,963.00	...	...	...	...	...
3. Institution itself	17	...	2,900.00	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. U.G.C.	9	3	20,500.00	9,000.00	...	...	...	...
6. Other sources	14	9	7,387.00	2,175.00	...	...	...	...
Total ...	157	18	1,06,412.00	18,872.00	85	1	43,224.00	420.00

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	61	7	7,480.00	816.00	..	.	.	...
Half-free studentships	458	19	28,800 00	1,110 00	.			...
Other financial concessions (such as Students' Welfare Fund)	186	..	6,720 00	.		.		...
Total ...	705	26	43,000 00	1,986 00	..		.	...

FORM E

Central Hindu College, Kamachha

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1961

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	37	...	2,5677.00	...		...	...	...
2. State Government	27	...	1,4888.00	...		...		...
3. Institution itself	20	...	1,700.00	...	1	...	568.00	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	1	1	1,125.00	218.00	...	...	...	...
Total ...	85	1	43,390.00	218.00	1	...	568.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	67	...	8,010.00		13	...	1560.00	...
Half-free studentships	61	1	3,840 00	60 00	8	.	180 00	...
Other financial concessions (such as Students' Welfare Fund)	12	...	160.00				.	...
Total ...	143	1	12,310.00	60 00	21		2,010.00	...

FORM E

College of Science

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	156	4	2,38,163.00	9,237.00	26	...	12,907.00	...
2. State Government	80	6	18,754.00	6,111.00	19	...	732.00	...
3. Institution itself	32	3	14,420.00	520.00	...	...	...	...
4. U.G.C.	25	1	28,140.00	2,400.00	...	...	...	...
5. Other sources	42	6	1,16,209.00	18,853.00	1	...	3,000.00	...
Total ...	335	20	4,15,686.00	37,121.00	46	...	16,639.00	...

	No. of students		Yearly amount foregone in (Rs)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	145	7	17,760.00	995.00	...	.	..	..
Half-free studentships	312	5	18,810.00	362 00	.	..	...	...
Other financial concessions (such as Students' Welfare Fund)	93	3	3,030 00	130.00	...	.		..
Total ...	550	15	39,600.00	1,187.00			.	...

FORM E

Women's College

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5. No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	1	...	2,813.00	...	...	...	...
2. State Government	...	13	...	3,552.00	...	5	...	1,296.00
3. Institution itself	...	40	...	5,788.00	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	3	...	640.00	...	...	...	...
Total ...	...	57	...	12,793.00	...	5	...	1,296.00

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	..	101	...	11,610 00	..	1	.	120 00
Half-free studentships	...	...		...			..	...
Other financial concessions (such as Students' Welfare Fund)	...	2	..	100 00	.	.	.	.
Total ...	...	103		11,710 00	..	1	..	120 00

FORM E

COLLEGE OF INDOLOGY

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	16	5	36,348.00	14,040.00	1	...	1,748.00	...
2. State Government	3	1	1,640.00	600.00	...	...	...	...
3. Institution itself	24	12	29,545.00	9,100.00	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	43	18	58,533.00	23,740.00	1			

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free studentships	6	9	765 00	1,085 00	..	.	.	...
Half free studentships	10	8	700 00	480 00	..		.	...
Other financial concessions (such as Student's Welfare Fund)	7		270 00		1		50 00	...
Total	23	17	1,735 00	1,565 00	1		50 00	..

FORM E

LAW COLLEGE

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5. No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	5	...	3,017.00	...	5	...	3,017.00	...
2. State Government	...	...	...	...	...	...	...	...
3. Institution itself	4	1	1,000.00	160.00	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	9	1	4,017.00	160.00	5	...	3,017.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	11	1	1,380 00	120.00		...	...	...
Half-free studentships	45	1	2,625 00	75 00	9		555 00	...
Other financial concessions (such as Students' Welfare Fund)	8	1	320 00	50 00	1		30 00	..
Total ...	64	3	4,325 00	215 00	10		585 00	...

FORM E

COLLEGE OF TECHNOLOGY

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	39	...	51,133.00	...	8	...	7592.00	...
2. State Government	5	...	4,385.00	...	1	...	600.00	...
3. Institution itself	23	...	5,698.00	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	14	...	1,080.00	...	...	...	...	...
Total ...	81	...	62,296.00	...	9	...	8,192.00	...

	No. of students		Yearly amount foregone in (Rs)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free studentships	28	...	6,210 00		1	..	230 00	...
Half-free studentships	62	..	7,130.00		.		...	...
Other financial concessions (such as Students' Welfare Fund)	12	..	500 00					..
Total ..	102		13,810 00		1		230 00	..

FORM E

College of Mining & Metallurgy

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	86	...	98,028.00	...	19	...	21,005.00	...
2. State Government	38	...	36,528.00	...	...	...	...	...
3. Institution itself	19	...	5,397.00	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	143	...	1,39,953.00	...	19	...	21,005.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free studentships	38	.	8,710.00	.	8	...	920.00	...
Half free studentships	77	..	8,805.00		2		160.00	...
Other financial concessions (such as Students' Welfare Fund)					.			...
Total	110		17,505.00		10		1,380.00	..

FORM E

ENGINEERING COLLEGE

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5. — No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	114	1	9,44,100.00	900.00		...		...
2. State Government	107	...	92,155.00	...	...	...	...	...
3. Institution itself	26	...	7,900.00	...	23	...	29,970	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	5	...	3,900.00	...	...	...	...	...
Total ...	252	1	10,48,055.00	900.00	23	...	29,970.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	185	2	10,663 00	402 00	7	.	1,552.00	...
Half-free studentships	101	...	11,389.00		1	..	101 00	...
Other financial concessions (such as Students' Welfare Fund)	...	.					...	...
Total ...	286	2	52,052 00	402 00	8	.	1,653 00	...

FORM E

College of Agriculture

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1961

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	68	...	51,374.00	...	43	...	15,474.00	...
2. State Governments	9	...	4,440.00	...	...	...	...	...
3. Institution itself	24	...	9,247.00	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	1	...	300.00	...	...	...	...	...
Total	102	...	65,361.00	...	43	...	15,474.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	1	5	6	7	8	9
Free-studentships	26	...	1,230.00	...		.	...	...
Half-free studentship	96	...	9,110.00	..	..	..	..	...
Other financial concessions (such as Students' Welfare Fund)	...	...	...		..			...
Total ..	122	..	13,310 00					...

FORM E

TEACHERS' TRAINING COLLEGE

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	2	...	865.00	...	2	...	865.00
2. State Government	35	50	7,000.00	10,000.00	...	...	...	...
3. Institution itself	...	...	...	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources (U.G.C.)	...	2	...	1,815.00	...	...	...	...
Total ...	35	54	7,000.00	12,680.00	...	2	...	865.00

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	4	9	600.00	1,350.00	...	...	...	...
Half-free studentships	14	11	1,050.00	825.00	...	..	...	...
Other financial concessions uch as Students' Welfare d)	...	...	...	...	...	..	. .	...
Total ...	18	20	1,650 00	2,175 00	. .	.	...	...

FORM E

College of Music and Fine Arts

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	3	...	5,174.00	...	...	...	...	...
2. State Government	3	...	1,943.00	...	3	...	1,943.00	...
3. Institution itself	6	4	1,212.00	750.00	1	...	250.00	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	12	4	8,329.00	750.00	4	...	2,193.00	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	31	11	3,272 00	1,100.00	4	.	376 00	...
Half-free studentships	4	1	144 00	32 00	.	.	..	...
Other financial concessions (such as Students' Welfare Fund, Students Aid Fund)	1	..	30 00		1	..	30 00	...
Total ...	39	12	3,116 00	1,132 00	5	...	106.00	...

FORM E

College of Medical Sciences

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	22	2	13,[illegible].00	3,760.00	2	...	1,068.00	...
2. State Government	1		1,100.00	...	...	...	...	...
3. [illegible]	24	1	5,[illegible].00	240.00	...	...	...	...
4. [illegible]	...		...	...	...	...	...	...
5. [illegible]				...	...	...	...	...
6. Other sources		1		210.00	...	...	...	...
Total	47	4	19,[illegible].00	3,[illegible].00	2	...	1,[illegible].00	...

	No. of students		Yearly amount foregone in (Rs)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	2		240 00	.	..		..	.
Half-free studentships	9	..	540 00		.	.		.
Other financial concessions (such as Students' Welfare Fund)	4	.	120 00		.			..
Total ...	15		900 00	.		.		..

FORM E

B.H.U. LIBRARY

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1961

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	1	...	450.00	...	...	...	...	...
2. State Government	3	...	937.00	...	1	...	450.00	...
3. Institution itself	...	...	...	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	4	...	1,387.00	...	1	...	450.00	...

	No. of students		Yearly amount foregone in (Rs)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	2	...	231.00	...	1	...	115.00	...
Half-free studentships	113	...	5,434.00	...	16	...	924.00	...
Other financial concessions (such as Students' Welfare Fund)	...	...	...	...	...	...	...	...
Total ...	115	...	5,665.00	...	17	...	1,039.00	...

FORM E

Vasanta College for Women

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	...	...	...	...	...	...	
2. State Government	...	13	...	2,491.00	...	4	...	
3. Institution itself	...	...	...	...	...	...	...	
4. District Board	...	...	...	...	...	...	...	
5. Municipal Board	...	...	...	...	...	...	...	
6. Other sources	...	...	...					
Total								

	No. of students		Yearly amount foregone in (Rs)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	...	16	...	2,119.00	...	...	...	...
Half-free studentships	...	35	...	2,133.00	...	1	...	39.00
Other financial concessions (such as Students' Welfare Fund)	...	7	...	936.00	...	...	...	...
Total ...	...	58	...	5,188.00	...	1	...	39.00

FORM E

Arya Mahila Degree College

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	...	...	...	...	...	...	...
2. State Government	...	2	...	350.00	...	2	...	350.00
3. Institution itself	...	...	...	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	...	2	...	350.00	...	2	...	350.00

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in columns 2 to 5			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	..	3	...	360.00	...	...	...	...
Half-free studentships	...	4	...	240.00	...	...	...	...
Other financial concessions (such as Students' Welfare Fund)	...	...	...	...	...	...	...	...
Total ...	...	7	...	600.00	...	...	...	...

FORM E

VASANTA KANYA MAHAVIDYALAYA

Statement showing details of Scholarships, Stipends and other financial concessions to students

Figures as on 31-3-1964

	No. of students		Total value per annum in (Rs.)		Total number of Scheduled Caste and Backward class students getting scholarships etc. and the value of such concessions included in Col. 2 to 5.			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
1. Central Government	...	...	...	...	...	...	...	...
2. State Government	...	...	...	...	...	...	...	...
3. Institution itself	...	...	...	...	...	...	...	...
4. District Board	...	...	...	...	...	...	...	...
5. Municipal Board	...	...	...	...	...	...	...	...
6. Other sources	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...

	No. of students		Yearly amount foregone in (Rs.)		Total number of Scheduled caste and Backward Class students getting other financial concessions included in *columns 2 to 5*			
					No. of students		Total value per annum in (Rs.)	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
1	2	3	4	5	6	7	8	9
Free-studentships	...	...	...	...	...	...	...	...
Half-free studentships	...	24	...	157.00	...	...	...	...
Other *financial* concessions (such as Students' Welfare Fund)	...	...	...	...	...	...	...	...
Total ...	...	24	...	157.00	...	...	...	...

FORM A

Consolidated Figures of Constituent Colleges as on 31st March, 1964

Class	No. of Students in the class.	No. of Students of Backward communities.	No. of Scheduled Caste Students.	No. of Scheduled Tribe Students.	No. of Hindu Students.	No. of Muslim Students.	No. of Christian Students.	No. of Sikh Students.	No. of Jain Students	No. of Bauddha Students.	No. of Parsee Students.
Sanskrit Mahavidyalaya	279	...	...	...	273	...	...	...	5	1	...
Central Hindu College	1477	133	67	1	1203	45	2	...	13	12	1
Central Hindu College (K)	448	31	...	1	399	8	7	...	...	2	...
College of Science	1649	74	9	...	1531	18	8	8	1	...	...
Womens' College	421	4	1	...	398	2	4	7	2	...	3
College of Indology	139	2	...	...	122	...	7	...	3	5	...
Law College	168	20	4	...	129	14	...	...	1	...	...
College of Technology	281	8	3	...	248	3	3	7	8	1	...
College of Mining & Metallurgy	404	39	2	...	337	4	1	4	16	1	...
Engineering College	1128	26	6	1	1025	3	6	26	30	...	5
College of Agriculture	357	32	11	...	305	6	...	3	...	...	...
College of Medical Sciences	264	12	...	...	237	3	6	6	...	...	...

FORM D

Consolidated figures of the Constituent Colleges

Assam	92	West Bengal	315
Andhra Pradesh	246	Africa	5
Bihar	607	Burma	1
Centrally Administered States	175	Belgium	1
Himachal Pradesh	1	Cambodia	1
Jammu & Kashmir	72	Ceylon	2
Kerala	114	Holland	1
Madhya Pradesh	156	Indonesia	1
Mysore	103	Japan	2
Maharashtra	136	Laos	1
Madras	70	Mauritius	3
Orissa	104	Malaya	1
Punjab	245	Nepal	66
Rajasthan	101	New Zealand	2
Saurashtra	45	Pakistan	1
Uttar Pradesh	4722	Thailand	20
		U.K.	2
		Total ...	7414

FORM D

Consolidated figures of the Affiliated Colleges

Assam	1	Orissa	1
Andhra Pradesh	1	Rajasthan	2
Bihar	65	Saurashtra	1
Kerala	1	Uttar Pradesh	776
Maharashtra	3	Bhutan	1
Mysore	2	Nepal	4
		Total ...	858